When you need leading technology & quality, you need a Viking.
WHAT YOU GET WITH A VIKING...

We learned a long time ago that when you need one of our products it has to work, period. Reliability and innovation have been at the core of the Viking blueprint for 50 years. We bring you industry leading technology of today and the “tough as nails” craftsmanship of the past.

Viking has your back.
THANK YOU,
For the past 50 years
Here’s to 50 more...

THROUGH THE YEARS

1969 - BORN IN A BASEMENT

Don Springer had a simple dream that started with power supplies: Make electronics that work when you need them. Every. Single. Time.

1978 - OUR FIRST PHONE

“The hotline phone was launched during a very hot summer and came together thanks to incredibly hard work and a lot of Dairy Queen Dilly Bars” - Tom Springer

1982 - RAISING THE WALLS IN HUDSON, WI

We were the first building on Industrial Street. 37 years and 2 expansions later, this is still home.

1990 - ADA PHONES

Viking made its first of many ADA compliant emergency phones with the K-1600-EHF.

1998 - BUILT FOR BAD WEATHER

Viking revealed potted circuit boards with the Enhanced Weather Protection line for outdoor electronics. From sunshine to snowstorms a Viking always works.

2001 - ENTRY INTO INNOVATION

Viking developed the nation’s first accessible door entry system for the city of San Francisco. One year later SF declared “Bill Heideman Day” in gratitude for Viking’s pioneering work.

2015 - VIKING RELEASES 34 VOIP PRODUCTS

Consistently recognized for bold leadership, Viking exploded into VoIP and was nationally awarded one year later.

2019 - OUR FIRST 50 YEARS

Celebrating bold solutions and leadership in innovation. Technology changes, quality doesn’t.

For the past 50 years
THANK YOU,
Here’s to 50 more...
BECAUSE OF YOU THE LEGACY OF VIKING IS BUILT ON 50 YEARS OF GRIT AND GRACE.

The single greatest factor of the Viking story has always been the army of supporters on the ground. Those of you who inspire us to dream bigger, swing harder, and innovate relentlessly.

Our best ideas have consistently come from you because when we don’t make what you need, you let us know. Now we’re here to say “thanks” by backing you up.

LIMITED WARRANTY

We know you choose Viking because nothing gets the job done better. Need another reason? Two Year Limited Warranty. See more details by entering ‘101’ into our website search box. Viking has your back.

WHAT IS “DOCUMENT ON DEMAND”?

Finding information should be quick and easy. All Viking catalogs and literature have a DOD number for each product. Enter that into the DOD search box at the top of the Viking homepage and BOOM, you get specs, features, instructions, and more in seconds flat.

FREE AMERICAN PRODUCT SUPPORT

When you need product support, we won’t outsource your call. We’re right here in Wisconsin and you’ll talk directly with one of our many in house tech gurus like Al or Tim. Available to those servicing or installing a Viking product.

HOW TO CONTACT US

P: 715.386.8861
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vikingelectronics.com
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### Analog Interface

Viking offers many analog telephone line interface products. Depending on the product and in some cases the application, these analog interface products can be connected to a:

- CO Line
- PABX / KSU station
- Unshielded trunk input
- FXS port
- FCO port

### VoIP Interface

Viking’s VoIP products feature:

- SIP compliant
- PoE powered
- Automatic Noise Cancelling (ANC)
- Network downloadable firmware
- Program remotely

Specific VoIP models also feature 2 Amp relays, programmable "speed dial" IP calls, and built-in entry controllers that can accommodate up to 1000 keyless entry codes and/or proximity card numbers.

### EWP = Enhanced Weather Protection

Viking’s Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications include products installed outdoors, or in harsh / corrosive environments like a swimming pool area, or should always use the EWP version! Features include:

- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and microphone connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66.

For more information on EWP, see DOD 859.

06
Integrated Color Video Cameras

Viking offers many door entry phones with built-in color cameras for added security. The compact color composite video output provides versatility, while the -40°F to 185°F extreme temperature rating ensures reliability.

**Analog Camera Specifications:**
- **Power:** 6-24V DC 150mA [12V DC UL Listed adapter included with the product]
- **Image Sensor:** 1/4” color CMOS
- **Video Output:** 1VPP composite, NTSC, 75 ohms
- **Resolution:** 420 lines (390 x 230 or 300 x 200 pixels)
- **Sensitivity:** 0.025 LUX (50 IRE) F 1.2 3000K
- **Lens:** 2.1mm, conical pinhole
- **FOV (Field of View):** 80° Horizontal, 60° Vertical, 100° Diagonal
- **Tilt/Swivel Adjustment:** Vertical +/- 20° / Horizontal +/- 30°
- **IR Compatibility:** Use a Viking model VCAM-1IR, see DOD 190

Integrated Proximity Readers

Viking offers several entry phone styles with a built-in proximity reader option for added security. We also offer several different external proximity readers. All Viking proximity readers are equipped with Enhanced Weather Protection, which is designed to meet IP66 Ingress Protection Rating.

**Proximity Specifications:**
- **Frequency:** 125KHz
- **Format:** 26 bit Wiegand
- **Transducer:** Beeps during card read
- **LED:** Red, turns off during card read
- **Humidity:** Up to 100% fully powered (EWP)
- **Operating Temperature:** -30°F to 150°F

**Technologies Supported:**
- Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, see page 38
- Certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**

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* HID and the HID logos are registered trademarks of HID Global Corporation, an ASSA ABLOY company.
** All other trademarks are the property of their respective owners.
* AWID is a trademark of Applied Wireless Identification Group.
ADA Compliant Emergency Phones

- Analog or VoIP interface
- Automatic Noise Canceling (ANC) for proper operation in noisy environments
- Complies with ASME A17.1 Elevator Code when used with LV-1K (page 13)
- Cycles through up to 5 emergency numbers on busy or no answer
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating

Analog: 1600A Series

Analog Features and Operation
- Telephone line powered
- Can be connected to a CO line, analog PABX station, or FXS port
- Compatible with Central Station Monitoring (CSM)
- 16 second I.D. announcement
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time out
- Temperature range: -15°F to 130°F

The 1600A Series Emergency Phones are designed to provide quick and reliable access to emergency personnel via two-way, handsfree voice communication over a telephone network. The 1600A Series have Braille labels and meet ADA requirements for elevator phones. The phones can be programmed on-site or remotely from a touch tone phone.

When the “Push for Help” button is pressed, the 1600A Series phone goes off-hook, and the built-in touch tone dialer calls the pre-programmed 1 to 20 digit number. The “Call Connected” LED momentarily flashes during dialing. In the event the line is busy or there is no answer, the unit can automatically dial up to 4 more numbers. When the call is answered, the 1600A Series phone lights the “Call Connected” LED steady and sends a field-programmed 1 to 20 digit touch tone number or 16 second voice announcement indicating the location of the emergency phone.

Use the PB-100 (see page 40) to remotely program and poll emergency phones as to their working status.

VoIP: 1600-IP Series

VoIP Features and Operation
- 2 Amp relay contacts for lights, strobes, chimes, door or gate control, etc.
- SIP compliant and PoE powered (class 1, <4 Watts)
- 28 second I.D. announcement
- Temperature range: -40°F to 140°F
- Hangs up on busy signal, time-out, or touch tone command

The 1600-IP Series Emergency Phones are designed to provide quick and reliable handsfree communication for SIP VoIP phone systems with PoE. All 1600-IP Series phones meet ADA requirements for elevator/emergency telephones, and can be programmed from any touch tone phone or PC on the same LAN or remotely using a static IP address.

When the “Push for Help” button is pressed, the 1600-IP Series phone dials a pre-programmed telephone number. The “Call Connected” LED momentarily flashes during dialing. In the event the line is busy or there is a ring-no-answer, the unit can be programmed to call additional phone numbers. The phone then cycles through up to 5 pre-programmed emergency numbers until the call is answered. When the call is answered, the digital voice announcer will automatically play to identify the location of the emergency call and then light the “Call Connected” LED to show that handsfree communication to emergency personnel is established. The “#” key will send the I.D. number if programmed, and play the announcement again. The distant party will know the location of the emergency call by either the voice announcement or by decoding the touch tone I.D. number.

Installation requires the assistance of a network administrator/IT technician.
Compact Emergency Phones

- Material: 16 gauge steel with durable high visibility textured powder paint
- Includes Braille label, “Call Connected” LED, and I.D. Announcement for ADA compliance
- Dimensions: 5.25” x 4.0” x 2.0”
- Mounting: Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes
- For features and operation, see page 8

These models have the same features as the phones above, but without lettering - ideal for custom applications. Separate “Push for Help” Braille label included.

42-Inch Tower Phones with Blue LED Strobe

- High intensity flashing LED strobe light with steady-on beacon option, 4 flash patterns and 6 brightness settings
- Strobe: Vandal resistant polycarbonate plastic
- Tower Chassis: 8 gauge thick aluminum, 3.0” x 6.0” rectangular tube, powder painted yellow
- Phone Panel: 14 gauge 316 marine grade stainless steel faceplate with stainless steel button
- Mounting: Surface mount to wall or post
- Power supply included for strobe
- Comes standard with Enhanced Weather Protection (EWP), see page 6
- Meets IP66 Ingress Protection Rating
- For features and operation, see page 8
### Vandal Resistant Phone
- **Material:** 12 gauge brushed 316 marine grade stainless steel
- **Mounting:** Flush mount in elevator cabs, stairwells, hallways, etc.
- **Dimensions:** 13.0” x 10.5” x 2”
- **Heavy-duty panel with laser etched lettering for years of use**

#### Model Options
- E-1600-02A
- E-1600-02A-EWP
- E-1600-02-IP
- E-1600-02-IPEWP

### Heavy-Duty Phone
- **Material:** Heavy duty 14 gauge 316 marine grade stainless steel, #4 brushed finish
- **Mounting:** Surface mount to walls, posts, single or double gang boxes or recess mount in elevator phone boxes
- **Dimensions:** 7.22” x 5.36” x 1.55”

#### Model Options
- E-1600-03B
- E-1600-03B-EWP
- E-1600-03-IP
- E-1600-03-IPEWP

### Two-Button Phone
- **Material:** 14 gauge brushed marine grade 316 stainless steel
- **Mounting:** Flush mount with included plastic rough-in box or use an optional VE-Series Surface Mount Box, sold separately (page 32)
- **INFO button dials additional numbers for general info or directions**

#### Model Options
- E-1600-20A
- E-1600-20A-EWP
- E-1600-20-IP
- E-1600-20-IPEWP

### Double-Gang Mount Two-Button Phone
- **Dimensions:** 5.0” x 5.0” x 2.25”
- **For features and operation, refer to page 8**

#### Model Options
- E-1600-22-IP
- E-1600-22-IPEWP

### Standard Phone
- **Material:** 14 gauge brushed marine grade 316 stainless steel
- **Mounting:** Flush mount with included plastic rough-in box or use an optional VE-Series Surface Mount Box, sold separately (page 32)
- **Dimensions:** 5.0” x 5.0” x 2.25”

#### Model Options
- E-1600-30A
- E-1600-30A-EWP
- E-1600-30-IP
- E-1600-30-IPEWP

### Double-Gang Phone
- **Dimensions:** 5.0” x 5.0” x 2.25”
- **For features and operation, refer to page 8**

#### Model Options
- E-1600-32A
- E-1600-32A-EWP
- E-1600-32-IP
- E-1600-32-IPEWP
Emergency Phone Parts Kits

The Viking Emergency Phone “parts kits” are specifically designed to be used behind custom elevator panels or with custom elevator phones. Just like all Viking ADA Compliant Emergency Phones, these kits provide quick and reliable handsfree communication in the event of an emergency.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Analog</th>
<th>VoIP</th>
<th>EWP</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1600-50A</td>
<td>Parts kit with 1 button</td>
<td></td>
<td></td>
<td>215</td>
</tr>
<tr>
<td>E-1600-50A-EWP</td>
<td>Parts kit with 1 button</td>
<td></td>
<td></td>
<td>215</td>
</tr>
<tr>
<td>E-1600-52A</td>
<td>Parts kit with 2 buttons (i.e. HELP and INFO)</td>
<td></td>
<td></td>
<td>215</td>
</tr>
<tr>
<td>E-1600-52A-EWP</td>
<td>Parts kit with 2 buttons (i.e. HELP and INFO)</td>
<td></td>
<td></td>
<td>215</td>
</tr>
<tr>
<td>E-1600-50-IP</td>
<td>Parts kit with 1 button</td>
<td></td>
<td></td>
<td>255</td>
</tr>
<tr>
<td>E-1600-50-IPEWP</td>
<td>Parts kit with 1 button</td>
<td></td>
<td></td>
<td>255</td>
</tr>
<tr>
<td>E-1600-52-IP</td>
<td>Parts kit with 2 buttons (i.e. HELP and INFO)</td>
<td></td>
<td></td>
<td>255</td>
</tr>
<tr>
<td>E-1600-52-IPEWP</td>
<td>Parts kit with 2 buttons (i.e. HELP and INFO)</td>
<td></td>
<td></td>
<td>255</td>
</tr>
</tbody>
</table>

Kit includes:
- Circuit board
- Speaker
- LED
- Microphone
- Button(s)
- Braille label

Analog to VoIP Conversion Kit

The E-1600-53-IP conversion kit is designed to convert select Viking analog phones to VoIP. The kit saves money by re-using the housing, faceplate, mic, speaker, switch, and LED. The conversion takes less than 15 minutes (slightly longer for EWP models). For features and operation, refer to page 8.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1600-53-IP</td>
<td>255</td>
</tr>
<tr>
<td>E-1600-53-IPEWP</td>
<td>255</td>
</tr>
</tbody>
</table>

Emergency Phone Kit for Custom Installations

- Material: 16 gauge zinc plated steel
- Mounting: Install behind elevator panels for applications requiring a custom panel
- Dimensions: 5.0” x 5.0” x 2.25”
- For features and operation, refer to page 8

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1600-55A</td>
<td>215</td>
</tr>
<tr>
<td>E-1600-55A-EWP</td>
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<tr>
<td>E-1600-55-IP</td>
<td>255</td>
</tr>
<tr>
<td>E-1600-55-IPEWP</td>
<td>255</td>
</tr>
</tbody>
</table>

Emergency Phone for Elevator Phone Box

- Material: 14 gauge red powder painted aluminum
- Mounting: Recess mount in standard elevator phone box (10” x 7” x 3”)
- Dimensions: 9.875” x 6.86” x 2.1”
- Includes Braille label, “Call Connected” LED, and I.D. Announcement for ADA compliance
- For features and operation, refer to page 8

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-1600-EHFA</td>
<td>215</td>
</tr>
</tbody>
</table>
Viking’s Emergency Line Seizure Relay allows the Elevator or Emergency phone or alarm dialer to share an existing CO line. When the emergency phone or alarm dialer initiates a call, the line is taken away from its normal use and receives new dial tone for the emergency call. Any call in process is disconnected. The LSR-1 always connects to the emergency device during power failure.

**Smart Line Sharing Device**
- Routes both incoming and outgoing calls
- Allows an emergency device to share a phone line with other devices
- Gives priority to emergency devices
- Incoming calls routed to one of two ports by Caller ID, Distinctive Ring, or Call Back

**Line Seizure Relay**
- Can store up to 12 Caller ID numbers
- Provides a busy signal when an emergency device is in use
- Emergency device can share a line with a phone system
- Interrupts a call in progress and returns fresh dial tone to the emergency phone
- Easy modular connections

---

### Direct Replacement Emergency Phones

**ADA Compliant Replacement Phones for Code Blue / GAI-Tronics / Talk-A-Phone**
- Direct replacement for select GAI-Tronics and Talk-A-Phone panel phones
- Replacing Code Blue tower phones requires redrilling and tapping
- Flush mount to: Code Blue, GAI-Tronics and Talk-A-Phone towers / wall mounts / boxes / pedestals
- Enhanced Weather Protection (EWP) standard
- 12 gauge marine grade 316 stainless steel
- For features and operation, refer to page 8

<table>
<thead>
<tr>
<th>Model</th>
<th>Replaces</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-1600A-TP-EWP</td>
<td>Select Talk-A-Phone and Code Blue models</td>
<td>220</td>
</tr>
<tr>
<td>E-1600A-TP2-EWP</td>
<td>Select two-button Talk-A-Phone and Code Blue models</td>
<td>220</td>
</tr>
<tr>
<td>E-1600A-GT-EWP</td>
<td>Select GAI-Tronics models</td>
<td>220</td>
</tr>
<tr>
<td>E-1600-TP-PEWP</td>
<td>Select Talk-A-Phone and Code Blue models</td>
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</table>

### Emergency Phone (non-ADA) for Elevator Phone Box

- Two wire install: analog PABX, CO line, or FXS port powered
- Material: 14 gauge red powder painted aluminum
- Mounting: Recess mounts in a standard elevator phone box
- Dimensions: 10.0” x 7.0” x 3.0”

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### Analog Line Sharing for IP PBXs / VoIP Systems

- Routes both incoming and outgoing calls
- Gives priority to emergency devices
- Incoming calls routed to one of two ports by distinctive ring or quick callback
- Provides a busy signal to the phone port when an emergency device is in use

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<tr>
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</table>
Area of Refuge Signs and Accessories

Compliant with IBC, ADA, NFPA, and ICC Requirements

**Line Verification Panel**
- Allows Viking 1600A Series phones to be tested for dial tone
- Immediately detects a cut or disconnected phone line
- ASME A17.1 Elevator Code compliant
- Works with any analog device on any analog line
- Also works with Viking 1600-IP Series phones to indicate LAN connection failures

**Silent Panic Button Kit**
- Use in conjunction with a Viking 1600A Series or 1600-IP Series emergency phone, or a K-202-DVA / K-2000-DVA alarm dialer (not included)
- LED can indicate call connected
- Unobtrusive - mount anywhere at any angle with foam tape

**Emergency Voice Module**
- Emergency / Elevator phone identification for meeting ADA requirements
- Automatic playback capability
- Phone line powered

**Three Line Concentrator**
- Fire Floor Phone port provided to meet elevator code
- Connects up to 3 devices
- Inbound calls can be transferred to any port

**Six Line Concentrator**
- Share up to 6 devices
- Communicate with local and/or remote personnel
- Meets the ASME A17.1 requirements
- Separate ports for Fire Floor, Machine Room, and Lobby

**Eight Line Concentrator**
- Share up to 8 devices
- Auto-answers inbound calls
- Call waiting
- Paging feature
- Fire floor phone connection
- Battery backup
Analog (No Dial) Panel Phones

The K-1500-6A and K-1500-7 provide simple vandal resistant communication in a flush mount, stainless steel, panel telephone. The K-1500-6A and K-1500-7 work with Viking’s DLE-200B Line Simulator [page 29] or on a dedicated ringdown circuit. If dialing is necessary, use Viking’s K-1900-7 or combine the K-1500-6A or K-1500-7 with Viking’s K-1900-5 Hot-Line Dialer [page 17].

The K-1500-6A and K-1500-7 consist of a heavy gauge stainless steel panel, an armored cable, a heavy duty black hearing aid compatible amplified handset, and an all metal cradle. Both phones are designed to mount to a standard double gang electrical box.

- K-1500-6A Dimensions: 4.56”W x 4.5”H
- K-1500-7 Dimensions: 5.0”W x 10.0”H

<table>
<thead>
<tr>
<th>Model</th>
<th>DDD</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-1500-6A</td>
<td>352</td>
</tr>
<tr>
<td>K-1500-7</td>
<td>352</td>
</tr>
</tbody>
</table>

Analog Hot-Line Panel Phone

The K-1900-7 panel phone will auto-dial a 1-32 digit programmable phone number each time the handset is lifted. The unit can touch tone or pulse dial and will not auto-dial on incoming calls. The K-1900-7-EWP shares all of the features of the K-1900-7 in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Dimensions: 5.0”W x 10.0”H
- Vandal resistant 0.105” thick 316 marine grade stainless steel panel
- Touch tone or pulse auto-dialing (up to 32 digits)
- Tamper-resistant armored cable and metal cradle
- Operating temperature range: -30˚ to 140˚F
- Standard model armored cable length: 36”
- EWP model armored cable length: 54”
- Hearing aid compatible amplified handset with volume control
- Optional VE-5x10 Surface Mount Box [page 33] or a VE-9x20 enclosure [page 34], each sold separately
- If a ringer is required, use an external unit such as the Viking LPR-1 [page 27] or SR-1 [page 22], each sold separately

<table>
<thead>
<tr>
<th>Model</th>
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</tr>
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<tbody>
<tr>
<td>K-1900-7</td>
<td>364</td>
</tr>
<tr>
<td>K-1900-7-EWP</td>
<td>364</td>
</tr>
</tbody>
</table>

Analog Panel Phone with Keypad

The K-1900-8 panel phone can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard (manual dial) phone. The unit will touch tone or pulse dial and will not dial on incoming calls. The K-1900-8-EWP shares all of the features of the K-1900-8 in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Dimensions: 5.0”W x 10.0”H
- Temperature range: -30˚ to 140˚F
- Standard model armored cable length: 36”
- EWP model armored cable length: 54”
- Hearing aid compatible amplified handset with volume control
- Optional VE-5x10 Surface Mount Box [page 33] or a VE-9x20 enclosure [page 34], each sold separately
- If a ringer is required, use an external unit such as the Viking LPR-1 [page 27] or SR-1 [page 22], each sold separately

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<td>K-1900-8</td>
<td>362</td>
</tr>
<tr>
<td>K-1900-8-EWP</td>
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</tbody>
</table>

VIKING

VIKINGELECTRONICS.COM | 715.386.8861 | INFO@VIKINGELECTRONICS.COM
VoIP Panel Phones with Dialer

The K-1900-6-IP and K-1900-7-IP VoIP Panel Phones will auto-dial a 1-20 digit programmable phone number each time the handset is lifted. If the call is not answered, the phone will dial up to 4 additional phone numbers. The K-1900-6-IP and K-1900-7-IP phones are designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address.

When a call initiated by the K-1900-6-IP or K-1900-7-IP is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. The relay can also be programmed to activate whenever the phone is off hook, ideal for controlling cameras, etc.

The K-1900-6-IP-EWP and K-1900-7-IP-EWP share all of the features of the standard K-1900-6-IP and K-1900-7-IP in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- **K-1900-6-IP** Dimensions: 4.56”W x 4.5”H
- **K-1900-7-IP** Dimensions: 5.0”W x 10.0”H
- Provide vandal resistant communication for SIP VoIP phone systems
- PoE powered (class 1<4 Watts)
- Dials up to 4 additional numbers on busy or ring no answer
- Built-in ringer
- Standard model armored cable length: 36”
- EWP model armored cable length: 54”
- Flush mount to a standard double gang box
- Surface mount the K-1900-7-IP with a VE-5x10 Surface Mount Box (page 33) or a VE-9x20 enclosure (page 34), each sold separately

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<td>K-1900-7-IP</td>
<td>+</td>
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<tr>
<td>K-1900-7-IP-EWP</td>
<td>+</td>
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</tbody>
</table>

VoIP Panel Phone with Built-In Entry System

The K-1900-8-IP VoIP panel phone can either auto-dial a phone number each time the handset is lifted, be used as a multi-number auto-dialer, or be used as a standard manual dial phone. The K-1900-8-IP VoIP phone is designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The unit can be programmed from any PC on the same LAN or remotely using a Static IP Address. The K-1900-8-IP phone can dial up to 250 programmable numbers and another 250 rollover numbers.

When a call initiated by the K-1900-8-IP is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike. Up to 1,000 keyless entry codes may be programmed, providing tenants with keyless entry. A 26 bit Wiegand input is provided for adding an optional proximity card reader with capacity to program up to 1,000 card numbers. Keyless entry codes and card numbers can be programmed to only allow access at specific times and/or day of the week. A request for exit (REX) input is included for easy exiting. The K-1900-8-IP also has automatic event logging allowing you to review the time and date of the call, which door was opened / closed, what keyless entry code or proximity card was used, request for exit usage and whether it was an inbound or outbound call.

The K-1900-8-IP-EWP shares all of the features of the K-1900-8-IP in addition to Enhanced Weather Protection (EWP) for outdoor installations where the unit is exposed to precipitation or condensation. EWP models are designed to meet IP66 Ingress Protection Rating.

- Provide vandal resistant communication for SIP VoIP phone systems
- Speed dials up to 250 numbers, each with a rollover number
- Store up to 1000 keyless entry codes
- PoE powered (class 2 < 6.5 Watts)
- Event logging with time and date stamp
- 2 sets of relay contacts for door / gate / camera control
- 26-bit Wiegand input for optional proximity card readers
- Built-in ringer
- K-1900-8-IP Dimensions: 5.0”W x 10.0”H
- Standard model armored cable length: 36”
- EWP model armored cable length: 54”
- Hearing aid compatible amplified handset with volume control
- Flush mount to a standard double gang box
- Optional VE-5x10 Surface Mount Box (page 33) or a VE-9x20 enclosure (page 34), each sold separately

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>K-1900-8-IP</td>
<td>+</td>
<td>361</td>
</tr>
<tr>
<td>K-1900-8-IP-EWP</td>
<td>+</td>
<td>361</td>
</tr>
</tbody>
</table>

Shown in optional VE-5x10 (not included)
Single Number Dialer Hot-Line Phones

Auto Dialing Emergency / Courtesy Phones

The K-1900 Series of Hot-Line phones are programmable to dial a 1-32 digit telephone number each time the phone’s handset is lifted. The products may be programmed to touch tone or pulse dial and will not dial on incoming calls.
- 1-32 digit programmable speed dial number
- Telephone line powered and touch tone programmable
- Hearing aid compatible amplified handsets with volume control
- Touch tone and 10/20 pps pulse dialing
- Non-volatile memory (no batteries required)
- Restricts fraudulent calls from hand held dialers
- Available in red, ash or custom colors [see below]
- Operates on a CO line, analog PABX station, or FXS port
- Optional Q170600 RINGER can be added [see below]

Free Programming (100 Unit Minimum)

Viking will program hot-line phones or dialers with any number up to 32 digits or pauses, at no charge [minimum qty 100].

To learn more, call: 715-386-8861

Dialer Network

Convert any standard carbon mic handset phone into a single number hot-line phone.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>K-1900-6</td>
<td>Dialer Network Board</td>
<td>360</td>
</tr>
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</table>

Electronic Ringer

- Add to the Viking K-1900W-2 or K-1900D-2
- Provides a loud warble each time ring voltage is detected
- Phone line powered

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q170600 RINGER</td>
<td>Electronic Ringer</td>
<td>834</td>
</tr>
</tbody>
</table>

Custom Colors for Hot-Line Phones

ANY Pantone color!
Minimum quantity 144 units
Call for more info: (715) 386-8861

Dial-Less Phones with Ringers

Ringdown, Courtesy or Emergency Phone Applications

These phones are compatible with ringdown circuits such as model DLE-200B (page 29), dialers such as Viking’s K-1900-5 and K-1900-30 (page 17) as well as an analog PABX, CO line or FXS port configured as a ringdown circuit.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>K-1500P-D</td>
<td>Red Manual Desk Phone</td>
<td>355</td>
</tr>
<tr>
<td>K-1500P-W</td>
<td>Red Manual Wall Phone</td>
<td>355</td>
</tr>
<tr>
<td>K-1500P-D ASH</td>
<td>Ash Manual Desk Phone</td>
<td>355</td>
</tr>
<tr>
<td>K-1500P-W ASH</td>
<td>Ash Manual Wall Phone</td>
<td>355</td>
</tr>
</tbody>
</table>
**100 Number Dialer**
- Add speed dialing features to any analog phone
- Programmable as a single number hot-line dialer or program as a multi-number dialer
- Local or remote programming with a standard touch tone phone
- AC power allows installation on nearly any analog line
- Use on an analog PABX, CO line, or FXS port
- Stores up to (100) 32-digit phone numbers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
<td>K-1900-9</td>
<td></td>
<td>321</td>
</tr>
</tbody>
</table>

**Smart Touch Tone Dialer**
- Add speed dialing features to any analog phone
- Applications include: Parking lot or ramp phones, ATM phones, door entry phones, etc.

When a connected device goes off-hook, the K-1900-30 automatically dials a 1-20 digit phone number, and can be programmed to call up to 4 additional phone numbers if the line is busy, or is not answered. The K-1900-30 can be used to add the smart dialing features of a Viking E-30 to other non-dialing E-Series or K-Series phones, or any analog phone.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
<td>K-1900-30</td>
<td></td>
<td>300</td>
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</table>

**8 Input Dialer / Announcer**
The K-2000-DVA is a programmable, eight input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. It can store up to eight 32-digit numbers per input, for a total of up to 64 different numbers. Locally or remotely record up to eight different messages, with a total record time of eight minutes.
- 8 minutes of record time (1 minute per input)
- Eight inputs
- Programmable message repeat and lap counter
- “Store Caster” mode

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>K-2000-DVA</td>
<td></td>
<td>303</td>
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</tbody>
</table>

**2 Input Dialer / Announcer**
The K-202-DVA is a two input, multi-number auto dialer and digital announcer, designed for emergency and non-emergency message notification. Power supply included.
- Two normally open or normally closed contact inputs
- 2 minutes of record time (1 minute per input)
- Stores up to seven 32-digit phone numbers per input
- 7 number auto dialer rolls to the next number on busy signal or no answer

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
<td>K-202-DVA</td>
<td></td>
<td>305</td>
</tr>
</tbody>
</table>

**Automated Message Delivery System**
- Stores up to 1000 14-digit numbers and up to 6 groups
- 6 minutes of total record time (1 minute per input)
- Eight normally open inputs for push buttons to activate groups 1-6, “All Call” or “Stop”
- Programmable ring delay, ringback time, “retry” limit
- Multiple units can be used to form a “phone tree”
- Local or remote programming and recording

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
<td>K-6000-DVA</td>
<td></td>
<td>307</td>
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</tbody>
</table>
**SIP / Multicast Paging Adapter with Amplifier**

The PA-IP is a SIP and/or Multicast Paging Adapter that provides an interface between VoIP phone systems (hardware or hosted / cloud based) and analog paging systems. The adapter eliminates the need for an ATA or FXS port. The PA-IP can be used for standard SIP endpoint paging and/or multicast paging and multicast background music. The unit easily connects with a single CAT 5/6 cable from your PoE switch.

- SIP endpoint and/or multicast group member
- PoE powered (class 3, <13 Watts)
- Paging prioritization

**Model** | **DOD**
--- | ---
PA-IP | 505

- Supports up to 10 multicast paging groups
- Relay for activating door locks, strobe lights, external amplifiers, etc.
- Built-in high efficiency 6 Watt class D amplifier can drive up to 6 analog 8 Ohm speakers
- Line-level output for connecting to an external amplifier
- Network downloadable firmware
- Access code to prevent unwanted SIP calls
- Autoprovisioning via Viking programming software

**IP Speaker for SIP Endpoint and/or Multicast Paging**

The 40-IP Speaker enables SIP endpoint paging and also allows for standard paging and background music via multicast. The 40-IP easily connects with a single CAT 5/6 cable from your PoE switch. Its shallow depth allows the speaker to be conveniently mounted in a standard 2” x 4” stud wall or ceiling.

- SIP endpoint and/or multicast group member
- Supports up to 10 multicast paging groups
- PoE powered (class 3, <13 Watts)
- Paging prioritization

**Model** | **DOD**
--- | ---
40-IP | 503

- Built-in high efficiency 6 Watt class D amplifier can drive up to 5 additional analog 8 Ohm speakers
- Line-level audio output for connecting to an external amplifier
- Network remote speaker volume control
- Autoprovisioning via Viking programming software
- Dimensions: 11” diameter x 4” total depth

**SIP / Multicast Talk-Back Speakers**

Viking’s Talk-Back Speakers enable two-way conversations via SIP and also allow for standard paging and background music via multicast. The Talk-Back Speakers easily connect with a single CAT 5/6 cable from your PoE switch. An auxiliary switch input allows a hard wired wall button to initiate a standard or emergency SIP call.

- PoE powered (class 3, <13 Watts)
- Up to 28 second ID announcement
- Plays audio from multicast
- SIP endpoint or multicast group member
- Up to 10 multicast paging groups
- Automatic Noise Canceling (ANC) for operation in noisy environments
- Viking’s proprietary VOX switching eliminates the need for “Push to Talk”
- Auto-answer feature for monitoring
- Built-in 6 Watt class D amplifier
- Can drive up to 5 external analog speakers for greater coverage
- Relay for activating door locks, strobe lights, external amplifiers, etc.
- 40TB-IP’s shallow depth allows easy mounting in a wall or ceiling
- 22TB-IP is designed for quick and easy installation in drop or suspended ceilings

**Model** | **Description** | **DOD**
--- | --- | ---
22TB-IP | 24” x 24” Drop-In Ceiling Tile | 508
40TB-IP | 11” Diameter Speaker | 502
BTR-3 | Wireless Remote (40TB-IP only) | 502

*Model BTR-3 Wireless Remote initiates SIP calls and controls volume. Compatible with 40TB-IP only.*
2 Watt Paging Amplifier / Loud Ringer

- For PABX and FXO applications
- Drives up to (3) 8 Ohm paging horns or speakers

The PA-2A monitors up to 6 analog lines for ringing or can be activated by a phone system contact closure. A loud electronic warble (108 dB @ 1 meter), double gong, quadruple chime or a door chime can be selected to announce incoming calls. To page, connect to a paging port, unused trunk input, or FXO port on a phone system. The unit provides 2 Watts of power - enough to drive three 8 Ohm speakers. The PA-2A has an input for a loud ringing on/off switch, an output for controlling a 12 Volt relay and a 600 Ohm output for sourcing high powered paging amplifiers.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>PA-2A</td>
<td>485</td>
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</tbody>
</table>

The PA-2A includes one 25AE paging horn and power supply. For additional ceiling speakers and paging horns use models 25AE, 30AE, 35AE, 40AE, and 300AE (see page 22 for specifications).

15 Watt Telecom Paging Amplifier

- Supports background music and loud ringing
- For Centrex, PABX, FXO and FXS applications
- Drives up to (15) 8 Ohm paging horns or speakers

The PA-15 allows paging from a PABX paging port, an unused trunk input / FXO port (provides 36 Volts of talk battery), or an analog PABX station, Centrex, CO line or FXS port. The PA-15 can disconnect on CPC, busy, silence or a 16 to 72 second (defeatable) timer. The PA-15 can provide an alert tone prior to paging. Background music (muted during page) can be added from an external source. Four electronic tones are available for loud ringing. Power supply included.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>PA-15</td>
<td>486</td>
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</tbody>
</table>

For ceiling speakers and paging horns use models 25AE, 30AE, 35AE, 40AE, and 300AE (see page 22 for specifications).

30 Watt Telecom Paging Amplifier

- For PABX and FXO applications
- Drives up to (30) 8 Ohm paging horns / speakers or (50) 70V or 25V speakers

The PA-30 provides paging from the phone system paging port or connect to an unused trunk input or FXO port (provides 40 Volts of talk battery). The PA-30 has separate inputs and volume controls for paging, auxiliary source, loud ringing and background music. A contact closure or ringing line can activate loud ringing. Four electronic tones are available for loud ringing. The PA-30 also has inputs for a night transfer (loud ringing) on/off switch. The PA-30 has a 600 Ohm output to drive additional amplifiers. Electronic switching eliminates pops and clicks. Power supply included.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>PA-30</td>
<td>489</td>
</tr>
</tbody>
</table>

For ceiling speakers and paging horns use models 25AE, 30AE, 35AE, 40AE, and 300AE (see page 22 for specifications).

60 Watt Power Amplifier

- Add 60 Watts of total paging power to two zones
- Drives up to (60) 8 Ohm or (100) 70V or 25V speakers

The PA-60 boosts the power output of smaller paging systems by 60 to 100 speakers. Since each input has its own gain adjustment, one zone can be turned up louder for warehouse paging horn speakers, and the other zone can be turned down for office ceiling speakers. Two zones can also be helpful for installations in which one group of speakers is connected to a source that provides background music using the Viking PI-1A (page 21) paging interface unit, and the other zone provides only paging. The PA-60 inputs are transformer coupled so they are floating and isolated. Connect to line level audio or direct to an existing paging amp output. Power supply included.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>PA-60</td>
<td>493</td>
</tr>
</tbody>
</table>

For ceiling speakers and paging horns use models 25AE, 30AE, 35AE, 40AE, and 300AE (see page 22 for specifications).
Self-Amplified Paging System

The SA-25 Self-Amplified Paging control unit interfaces with virtually any telecom or IP phone system with a paging port, an analog FXS, or FXO port. The system can provide background music from an external source and generate loud or night ringing from a ringing analog station or contact closure. The SA-25 control unit is backwards compatible with the older Legacy Valcom® and Bogen® 4-wire self-amplified speakers.

The SA-25 can directly drive a combination of up to 25 self-amplified Viking 2-wire and/or older Legacy 4-wire self-amplified speakers. One SA-1R remote and power supply included.

<table>
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<tr>
<th>Model</th>
<th>DOD</th>
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<tr>
<td>SA-25</td>
<td>520</td>
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</table>

SA-25 Brochure DOD 902

Infrared Remote for Self-Amplified Paging System

Model SA-IR is a three button infrared remote control for use with model SA-1S and SA-1H self-amplified paging speakers (below).

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>SA-IR</td>
<td>527</td>
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</table>

Aim the infrared transmitter at the speaker. The up / down buttons allow users to set the appropriate volume level for each room, while the mute button eliminates just background music or all sounds.

Infrared Remote Controlled Self-Amplified Speaker

Model SA-1S is an 8 inch paging speaker that has a built in 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control, all built into an attractive off-white grill for flush mounting in office ceilings. The SA-1S self-amplified paging speaker uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. Connect only to Viking model SA-25 controller or use the SA-X12 expander to connect to any paging system.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>SA-1S</td>
<td>525</td>
</tr>
</tbody>
</table>

Infrared Remote Controlled Paging Horn

The Viking model SA-1H is a 5 inch paging horn that includes a 1.5 Watt power amplifier, an infrared remote control detector, and an integrated digital volume control. The SA-1H self-amplified paging horn uses a proprietary two wire protocol in which both 40 Volts DC power and audio are combined on the same pair of wires. It is designed for direct connection to the Viking model SA-25 Controller or SA-X12 Expander.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>SA-1H</td>
<td>526</td>
</tr>
</tbody>
</table>

Self-Amplified Paging Adapter

Model SA-X12 is a cost effective way to expand an existing paging system while adding remote control. Connect the SA-X12 to any existing paging audio (600 Ohms, 25V, 70V, 4, 8, or 16 Ohms or an SA-25 controller) and add up to (12) SA-1S or SA-1H speakers. Power supply included.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>SA-X12</td>
<td>529</td>
</tr>
</tbody>
</table>
### Anti-Feedback Paging Interface
- Eliminate the feedback “squeal” when paging
- Compatible with paging ports or trunk (FXO) ports
- High quality (80K/40K) digital message storage
- High output: 2V RMS into 600 Ohms
- Programmable paging features
- Power supply included

**How It Works:** The “live” page is digitally recorded. When complete, the paging amplifier is activated and the page is replayed once or twice.

**Model** | **DOD**
--- | ---
FBI-1A | 465

### Handsfree Talk-Back Paging System
- Interface with unused trunk (FXO) ports, single line phones, and phone systems with a two-way paging port
- 3 Watts of paging power
- Page alert tone
- “Push-to-Talk” feature
- 28V DC talk battery
- Background music input
- 25-50 ft talk-back range
- Power supply included

**Model** | **DOD**
--- | ---
HF-3W | 470

### Night Bell Over Existing Paging System
- Provide electronic warble tone over an existing paging system
- Powered by ring signal – no external power supply required
- Terminals for automatic switching between paging audio and warble tone
- Auxiliary relay contacts provided
- Connects to a CO line, analog station, or FXS port with RJ11 or terminals
- Floating 600 Ohm audio output

**Applications Include:** Offices, Clinics, Warehouses, Factories – anywhere people may be working after the receptionist goes home

**Model** | **DOD**
--- | ---
K-600F | 476

### Universal Telecom Paging Interface
The FXI-1A universal paging interface allows you to provide paging from virtually any type of phone system instead of from a microphone. You can also provide background music and electronic night bell over the paging system.
- Power supply included
- Select: FXO (loop start), FXS (ring trip) or paging port (VOX relay) interface mode
- 30V talk battery for use with an FXO port or unused trunk input
- 600 Ohm paging output - mutes music during page

**Model** | **DOD**
--- | ---
FXI-1A | 483

### Page Port / Trunk Input / FXO Paging Interface
Provides paging using phones (instead of a microphone) over a PA audio system. VOX relay contacts mute background music for phone systems that don’t provide a paging contact (Panasonic®, S.W. Bell®, Intertel®, etc.). If a Paging Port is not available, use an unused trunk input or FXO port.
- Provides talk battery for connecting to an unused trunk input or FXO port
- Power supply included

**Model** | **DOD**
--- | ---
PI-1A | 491

### Audio Isolation Board
- Eliminate ground loop hum in paging systems
- Consolidate two audio sources into one
- Excellent sound quality
- Daisy chain a paging system speaker output into a second power amplifier’s input
- Inputs available on screw terminals, RCA jack, and modular jack
- Outputs available on screw terminals and RCA jack
- Line level output
- Wall mount with foam tape and screws

**Model** | **DOD**
--- | ---
AIB-1 | 259

---

**Model DOD**
- FBI-1A 465
- HF-3W 470
- K-600F 476
- FXI-1A 483
- PI-1A 491
- AIB-1 259
4 Zone Paging Controller

- Switches line level signal to amplifiers
- Switches amplified signal to speakers
- Expand to 8 zones using 2 units

The ZPI-4 paging system is capable of switching a line level signal (600 Ohms) to amplifiers or an amplified signal to 70V or 8 Ohm speakers. The ZPI-4 features separate level controls for paging and background music (can be disabled on a per-zone basis). Also provided is a night bell with adjustable volume activated by a dry contact closure or a ringing analog PABX/KSU/FXS station.

Paging / Ringing Amplifier

- Amplify key phone paging and ringing
- Add speakers to loaded paging systems
- Adjustable volume control
- Powers up to (3) 8 Ohm speakers
- Screw terminal connections
- Power supply included
- One 25AE Paging Horn included

Single Line Loud Ringer

- Operates from a ringing analog line or a contact closure
- 90 dB at 1 meter, 105 dB with optional 25AE (not included)
- Available ringing sounds: Warble, Double Gong, Quadruple Chime, Electronic Bell

SIP Loud Ringer with LED

- Automatic Gain Control (AGC) compensates for ambient noise
- PoE powered (class 2, < 6.5 Watts)
- SIP Compliant
- Relay output to trigger remote SL-2 Strobe Light or LPL-1 Visual Ring Indicator (not included)
- Remote volume control from PC

LED flashes for visual ring indication

Paging Speakers / Horns

Models: 30AE, 35AE, 40AE, 25AE, 300AE

- 30AE: 6 Watt 8 Ohm ceiling speaker, mounting hardware included
- 35AE: 6 Watt 8 Ohm ceiling speaker with volume control and mounting hardware included
- 40AE: 15 Watt 8 Ohm ceiling speaker with a modern look, excellent sound quality, and integral mounting system. Ideal for offices, reception areas, etc.
- 25AE: 12 Watt 8 Ohm compact paging horn
- 300AE: 30 Watt 8 Ohm / 70 Volt paging horn for additional volume and voice intelligibility

Tile Bridge

Use when mounting Viking ceiling speakers on 2’ x 2’ or 2’ x 4’ ceiling tiles

Compatible Viking models: SA-15S, 30AE, 35AE or 40AE ceiling speakers (not included)

Not recommended for two-way (talk-back) paging applications.

Speaker Volume Control

Adjust the volume of individual paging horns, ceiling or wall speakers. Compatible with Viking 1-way paging amplifiers or any 8 or 16 Ohm or 25 Volt paging system. Mounts in standard single gang electrical box.

Not recommended for two-way (talk-back) paging applications.
Clock Controlled Tone Generator

- Timed single, double, or triple bong, or buzzer tones
- Easy to program, easy to change
- Alarm and standard NFPA/ANSI evacuation tones
- Programmable day of week on/off

Provides your paging system with up to 128 events in a 24 hour period in two separate schedules. Different alert tones may be used to indicate start or end of shift, break, lunch, etc. Dry contact closures can activate alarm, fire, evacuation etc., sounds over paging.

Model | DOD  
---|---
CTG-1A | 461

A door chime is also available for night ring or doorbell. These sounds can be activated remotely via a telephone using Viking RC-3 (page 41). Use with the DVA-2WA (page 28) for timed announcements. Power supply included.

Mass Notification Announcer

- Includes 10 different tones and 5 different user recorded messages
- Securely activate, reset, or live page from a remote phone
- Connect to a phone line, FXS/FXO port, PABX station, or trunk port

The DNA-510 is a digital mass notification announcer, capable of providing up to 2 minutes of digitally recorded voice emergency instructions and alert tones over your existing paging system. When activated, the DNA-510 will interrupt any current paging or background music and inject alert tones, emergency instructions, or a live page over your paging system. Power supply included.

Model | DOD  
---|---
DNA-510 | 492

Compatible with the Viking PA-2A, PA-15, PA-30, PA-60 (page 19) or any paging amplifier.

Single Line Paging Controller

Add paging, phone-to-phone intercom, and door chime to your whole house audio system

The SLP-1 allows the user to page family members or co-workers from any phone in your home or small business. Pages are heard over the same speakers installed for multi-zone music distribution. Music is muted during the page and optionally during phone calls. The SLP-1 connects in series with a single existing phone line. The unit has a built-in 2 Watt amplifier, pre-amp output, music on hold input, intercom features and selectable loud ringing.

Model | DOD  
---|---
SLP-1 | 478

The SLP-1 can provide ringing and door chime over the system. An input for a lighted doorbell switch and an output for 12 Volt trigger or relay contact is provided. Power supply included.

Add Paging and Door Chimes to Your Audio System

- Select from 8 preloaded CD quality sounds
- Download your own custom WAV files via a USB port
- Page from multiple lines by connecting multiple units

The SLP-4 Single Line Paging controller will allow you to page family members or co-workers from any phone in your home or small business. The pages can be heard over the same speakers that are installed for multi-zone music distribution.

The SLP-4 provides inputs for 4 lighted doorbell switches. The inputs select different sounds from a library of preloaded recordings or users may record their own sounds. When the doorbell switch is pressed, or the user pages, the music is muted while the appropriate sound or page is heard over the system speakers.

Model | DOD  
---|---
SLP-4 | 479

The SLP-4 connects in series with a single existing phone line and features a built-in 2 Watt amplifier, stereo pre-amp output, music on hold input, intercom features, and selectable loud ringing. Power supply included.
Master Clock / Networked Clock Controlled Tone Generator

- Accurate time base synchronizes periodically with your network or internet time
- Can also be used as a Master Clock to synchronize Viking CL Series clocks
- Automatic daylight savings time and leap year correction

Features:
- Up to 14 schedules and up to 1000 events
- 6 minutes of CD quality WAV file record time
- Pre-loaded with common school, business and factory alert tones or program with your own messages/tones over your network
- 4 inputs for triggering emergency fire evacuation, severe weather, lock down and all clear alert tones or messages
- RS-485 output for communicating time sync data when used with Viking CL Series wireless analog and digital clocks (below)

The CTG-2A is a networked clock controlled tone / message generator designed to provide accurately timed tones and/or messages over your existing paging system. This provides a cost effective way of signaling school period changes, factory shifts, breaks, lunch periods or providing messages at specific times for store sales, promotions, closing times, airport loading zones, etc. The CTG-2A can also be used as a master clock to automatically synchronize Viking CL Series clocks. The CTG-2A comes with programming software and an Ethernet port to allow PC programming of timed events, schedules, network or internet time synchronization, wave file download, message volume, daylight savings time, leap year, auxiliary relay control, etc. Power supply included.

Wireless Synchronized Clocks and Accessories

All clocks have built-in ¼ Watt repeaters capable of retransmitting the clock sync signal up to 500 ft in open space

Viking’s Wireless Clock System provides reliable, accurately synchronized clocks for your entire facility. Eliminating dedicated clock wiring can save you thousands of dollars on installation and also allows for easy retrofitting. The system is comprised of a CTG-2A master clock, a CL-RFT clock RF transmitter, and Analog or Digital wireless clocks. The clocks will always display the correct time via updates from the CTG-2A.

RF Transmitter / Repeater

The CL-RFT transmitter receives time sync data from the CTG-2A and transmits to the clocks via 915 to 928 MHz frequency hopping technology. Powerful 1 Watt (30dBm) output communicates up to 6,500 ft. in open space. It can also be configured as a repeater for larger spaces. No FCC license required. Dimensions 11” x 8” x 1.7”.

Digital Clocks

Wireless bright digital clocks require 120 Volt AC outlet (power supply included). The clocks are updated every minute from the CTG-2A. Viking offers a digital clock with a 2.5” tall display (CL-D2) and a 4” tall display (CL-D4). Shown with optional double mount bracket CL-DMD2 or CL-DMD4.

Analog Clocks

Wireless analog clocks are battery operated and require no wiring. Battery life using two D size Duracell Procell batteries is more than 5 years. The clocks are updated every 4 hours from the CL-RFT. Clocks can be located up to 6,500 ft. from the CL-RFT transmitter / repeater or up to 500 ft. from another synchronized clock.

Viking offers analog clocks in 12” diameter (CL-A12) and 16” diameter (CL-A16). Shown left with optional double mount bracket CL-DMA12 or CL-DMA16.

Wire Guards

Protect your 12” or 16” analog clock with a sturdy wire guard, model CL-WGA16. Protect your digital clocks with model CL-WGD4.

CAUTION: CL Series clocks cannot be used as stand alone clocks. They must be used in conjunction with a CTG-2 or CTG-2A master clock and one or more CL-RFT transmitters.

Viking offers analog clocks in 12” diameter (CL-A12) and 16” diameter (CL-A16). Shown left with optional double mount bracket CL-DMA12 or CL-DMA16.
Phone Line Powered Remote Access Device

- Programmable security code and access code
- Separate 600 Ohm audio and telephone line output
- Programmable call timer and silence time-out
- Relay contacts available for systems that need a dry contact closure

The RAD-1A remote access device gives authorized users remote access to one way paging amplifiers, digital announcers, and other audio programs. A programmable access code prohibits access by unauthorized users.

The RAD-1A answers on the first ring and disconnects on CPC, call time out, silence time out, busy, or by dialing #7. Separate 600 Ohm audio and telephone line outputs are provided, allowing connection to audio amplifiers, digital announcers, or phone systems.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAD-1A</td>
<td>410</td>
</tr>
</tbody>
</table>

Amplified Remote Access Device

The RAD-AMP extends the usefulness of your phone system to remote employees, as well as providing call forwarding to remote employees or locations.

As a Telecommuting Extender, the RAD-AMP gives remote workers access to most PABX/KSU features from their home or cell phone. The home based employee hears a special tone when answering and has the option of taking the work related call. Remote call center personnel can "Log-In" and Log-Out" or change their forwarding number as their location changes. Using touch tones, remote workers can use phone system features to transfer the call to another extension or voice mail, start a conference call, generate a page or any other feature available to an analog PABX/KSU extension.

As a Line Extender, the RAD-AMP provides authorized users remote access to PABX, Centrex or Electronic Key system features.

As a Call Diverter, the RAD-AMP provides call forwarding from one location to another. After detecting an inbound call, the RAD-AMP accesses a second phone line, dials a pre-programmed touch tone number, and then bridges the two lines.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAD-AMP</td>
<td>415</td>
</tr>
</tbody>
</table>

Service Observation Unit

Monitor, train, motivate, even assist your personnel or customer service staff without disrupting the activity at their work station. Each SO-24A Service Observation unit lets you access 24 stations (up to 240 with 10 units) or phone lines by dialing a two to four digit code from any supervisory phone. The station being monitored hears nothing; however, a supervisor can quickly enter the conversation by dialing a "#". A record control output permits selective recording by simply dialing a "9". Alternatively, all monitored conversations may be recorded.

- Built-in "Talk Assist" feature
- Automatic gain control equalizes in and outbound conversation levels
- Call progress tones for observing supervisor
- Power supply included

Can be configured for digital phones by using a SO-24 AK Digital Adapter Kit, sold separately.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO-24A</td>
<td>Service Observation Unit</td>
<td>690</td>
</tr>
<tr>
<td>SO-24 AK</td>
<td>Digital Adapter Kit</td>
<td>819</td>
</tr>
</tbody>
</table>
Automated Call Attendant

The ACA-1A is a single-port Automated Attendant with a user recordable digital voice announcer. One minute of non-volatile digital memory is available to provide a greeting and a menu of up to 10 departments or extensions.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACA-1A</td>
<td>Call Attendant</td>
<td>005</td>
</tr>
</tbody>
</table>

Door Bell Panels

- Fits any standard single gang box
- Panels are made from durable plastic
- Weather resistant gasket included
- Screw terminals on button for easy wiring
- Use with the Viking model VE-3x5 enclosure for surface mounting, sold separately (page 32)

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB40-BN</td>
<td>Dark Brown</td>
<td>189</td>
</tr>
<tr>
<td>DB40-WH</td>
<td>Off-White</td>
<td>189</td>
</tr>
</tbody>
</table>

Handset Dialer

- Connects in series with handset/headsets or interface directly to tip & ring with optional adapter kit (sold separately)
- Provide DTMF signaling across a dry pair of wires
- Compatible with console phone aux handset jacks
- “Battery OK” LED
- Powered by 9V battery (included) or optional PS-1A adapter (sold separately)

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD-1</td>
<td>Handset Dialer</td>
<td>405</td>
</tr>
</tbody>
</table>

Privacy Devices

Viking’s Teleguard products protect the device that accesses the telephone line first by denying other Teleguard equipped devices access to the line until the call in progress has been terminated.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC-7</td>
<td>Privacy Cord</td>
<td>560</td>
</tr>
<tr>
<td>PJ-14</td>
<td>Two Line Device</td>
<td>560</td>
</tr>
<tr>
<td>TG-1</td>
<td>For Punch Down Block</td>
<td>560</td>
</tr>
<tr>
<td>TG-2</td>
<td>Modular Device</td>
<td>560</td>
</tr>
</tbody>
</table>

Toggle Switch

The NS-1 is a simple on/off toggle switch mounted in a convenient plastic case. The NS-1 can be used with Viking products that have a “Night Switch” input or any product that requires an external switch closure. The NS-1 is easy to install almost anywhere: in a phone closet or at a front desk. The NS-1 has 24” wires and comes with two quick connectors.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS-1</td>
<td>Toggle Switch</td>
<td>540</td>
</tr>
</tbody>
</table>

Telecom Recorder Kit

The PTR-1 is designed to work with standard digital or tape recorders with built-in VOX and AGC circuits. The PTR-1 allows you to record:
- All conversations on a particular phone line
- Only conversations on your particular analog or digital telephone set
- Only selected conversations

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTR-1</td>
<td>Telecom Recorder Kit</td>
<td>438</td>
</tr>
</tbody>
</table>

Telephone Line Toll Restrictor

- 0 to 49.5 minute call timer with disconnect
- 6-digit bypass code
- Allows emergency and toll free numbers
- Programmable to ignore phone system line access numbers
- Programmable allow or restrict table stores up to (40) 12-digit phone numbers, prefixes or area codes

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR-1</td>
<td>Toll Restrictor</td>
<td>705</td>
</tr>
</tbody>
</table>
The **MTG-10** can be connected to a paging source, phone system's paging port or background music. When a contact closure is provided to one of the inputs, the paging or background music is faded out and the appropriate tone is generated over the paging system. The siren and the evacuation whoop have priority and override any other tone. The MTG-10 can be configured to provide a tone every 15 seconds to notify callers that the call is being recorded. Power supply included.

---

The **LDB-2** Ring/Loop Detector monitors an analog phone line for ringing and/or in use condition. Two sets of relay contacts are activated when these conditions are detected. When monitoring for ring, the relay can be adjusted to stay on steady or follow a ring cadence. A 12 Volt output is provided. Power supply included.

---

The **LDB-3** monitors an analog phone line, PABX or FXS line and provides a normally open or normally closed contact during ringing, off hook, or both. The unit can also provide a 12V DC 350 mA output for strobe lights. The LDB-3 can follow the ring cadence or stay on steady during ring. It can be set up not to activate from “Info” button on two-button phones, i.e. Viking model E-1600-20A (page 10). Power supply included.

---

The **LDB-1** provides a contact closure when used in series with telecom devices on an analog phone line. Analog PABX, CO line or FXS port powered. Optional PS-2 power supply for switched power (sold separately).

---

The **TDR-1** can be programmed to produce one of 8 closure times from 0.5 to 20 seconds. It can also be set up as a delay on operate relay. The TDR-1 accepts positive or negative-going logic level voltage or a contact closure. Features selectable time delay and LED status indicator. Power supply included.

---

The **CPC-1** and CPC-4 provide a momentary (1 second) break in the line current to signal telephone equipment the calling party has hung up. They generate the disconnect signal after detecting busy, fast busy, return to dial tone, or silence. Available in 1 line (CPC-1) and 4 line (CPC-4) models. Phone line powered.

---

This auxiliary electronic ringer operates on any analog line that provides a minimum of 40 Volts 20-30 Hz AC ring voltage. Nominal 3 KHz warble provides up to 92 dB SPL @ 1 meter. The LPR-1 can be connected via screw terminals or modular RJ-11 jack. A volume control and a 7 foot modular cord are provided. No power supply is required.

---
Automated Receptionist

The AR-1 is a digital call screening and messaging system designed to answer calls with a greeting, then let callers ring through to talk to someone live, select from pre-recorded messages or hang up.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR-1</td>
<td>105</td>
</tr>
</tbody>
</table>

Phone Line Powered Announcer

The DVA-LPA is an digital voice announcer specifically designed for applications requiring simple ring trip announcements.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVA-LPA</td>
<td>128</td>
</tr>
</tbody>
</table>

Time & Temperature Announcer

The DVA-TNT provides a user recorded announcement along with the time of day and outdoor temperature.

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVA-TNT</td>
<td>129</td>
</tr>
</tbody>
</table>

Professional Digital Voice Announcer / Recorders

Applications Include: ACD, UCD, Intercept, Hotel / Motel Wake Up, Night Answer, Ski Resorts, Movie Theaters, Work Schedules, School Closings, Out of Service, etc.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVA-500A</td>
<td>Digital Announcer (1 minute)</td>
<td>115</td>
</tr>
<tr>
<td>DVA-1003B</td>
<td>3-Channel Digital Announcer (1 minute per channel)</td>
<td>125</td>
</tr>
<tr>
<td>DVA-3003</td>
<td>3-Channel Digital Announcer (1-4 minutes per channel)</td>
<td>127</td>
</tr>
</tbody>
</table>

Memory Expansion Chip

Expand record memory of the DVA-3003.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERAM-60</td>
<td>1 Minute Expansion Chip</td>
<td>813</td>
</tr>
</tbody>
</table>

Use with model DVA-3003

Hotel / Motel Wake Up Application: See model PB-100 (page 40)

Customer Favorite Application: Play Brahms Lullaby over a paging system to announce a new birth! For more info, see DOD 865.

Standard Carbon Handset

For voice recording on Viking products.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q171030</td>
<td>Carbon Handset</td>
</tr>
</tbody>
</table>
Two-Way Ringdown Circuit

- Select standard or distinctive ringing
- Precise dial tone
- 32V talk battery
- 20 Hz/2 REN ring output
- 0.15 or 2 second CPC
- Prison phone mode

The DLE-200B Line Simulator produces two-way communication between standard telecom products such as key systems, PABXs, fax machines, modems, and standard single line phones without phone lines. Power supply included.

Advanced Ringdown Circuit

- 911 mode for classroom training
- Provides name and number caller ID
- Touch tone detection or standard Ringdown
- Precise dial tone, ringback, busy, reorder, and S.I.T. tones
- Audio jack for amplified speaker or loading voice mail systems

The DLE-300 simulates loop start phone lines and allows two-way communication between telecom devices or systems. It provides standard or distinctive ringing (6 REN) and 40 Volts talk battery. Power supply included.

4 Port Auto Routing Switch

- Routes calls via CNG tone, distinctive ringing, or touch tones sent by calling device or manually
- Allows any four analog devices to share a single line
- Ports are balanced to prevent noise on long runs
- Caller ID information is stored and retransmitted during transfer
- Provides realistic ring-back tones while re-ringing selected device
- Compatible with high speed modems
- Power supply included

Applications
- Dedicated point-to-point communication
- Demonstrate and program equipment
- Prison phones
- Inter-system communication

Talk Battery and Ringing Power Supply

The PS-48-RGA power supply provides talk battery plus standard ring voltage where and when needed. Housed in a convenient wall mount enclosure, the PS-48-RGA comes complete with a plug-in power supply. The PS-48-RGA will provide telephone communication equipment with 48V DC talk battery.

In addition, the PS-48-RGA will produce 90V 20 Hz sine wave ring voltage rated up to 10 REN. This allows a phone system to sequence up to 30 ringing phones.

Applications Include
- Electronic Key Systems
- Paging systems
- OPX’s

Power Fail Bypass Unit

Continue to receive your calls, even if the phone system is down. The PF-6A bypass unit connects 6 standard single line station phones directly to the CO lines. When the system is restored, calls in process will not be interrupted.

The PF-6A bypass unit will reconnect the phones to their station circuit only after they become idle. Power supply included. Model PF-6A operates when power is lost or on an alarm contact closure.

Applications
- Prevents busy signals or unanswered calls during power and system failures
- Loop or ground start
- Automatic ground start converter for outbound calls

Ground to Loop Start Converter

Model GLS-12 is designed to allow up to 12 standard telephone sets, multi-line key systems and other loop start equipment to be connected to 2 wire ground start CO trunk lines. The GLS-12 provides the CO with the signaling required to draw dial tone when the loop start equipment goes off hook. Incoming calls ring directly to the loop start devices.

- 12 circuit automatic ground start to loop start equipment converter
- Stackable to increase capacity

Applications
- Easy, straight forward installation via an RJ-21X 25 pair connector
- No power supply required
Visually的状态指示器

**Blue Strobe / Beacon Kit**
- 高亮能量长寿命LED技术
- 4种可编程的闪烁模式
- 6种可编程的亮度设置
- 监视模拟线路的来电
- 通过触摸或挂机触发
- 适用于使用维京紧急电话（第8-12页）或任何模拟电话

<table>
<thead>
<tr>
<th>模型</th>
<th>描述</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLK-4</td>
<td>标准室内使用</td>
<td>654</td>
</tr>
<tr>
<td>BLK-4-EWP</td>
<td>包括增强型防风雨保护</td>
<td>654</td>
</tr>
</tbody>
</table>

**Blue Strobe Light**
- 高亮能量长寿命LED技术
- 4种可编程的闪烁模式
- 需要12V直流电源
- 6种可编程的亮度设置

**应用程序**
- 适用于需要视觉状态指示的嘈杂区域
- 用于指示设备故障
- 用于警示人员进入受限区域

<table>
<thead>
<tr>
<th>模型</th>
<th>描述</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL-2</td>
<td>标准室内使用</td>
<td>242</td>
</tr>
<tr>
<td>SL-2-EWP</td>
<td>包括增强型防风雨保护</td>
<td>242</td>
</tr>
</tbody>
</table>

**911 Strobe Controller**
- 激活911, 9-911和8-911呼叫及555（测试）或可编程的电话号码
- 明亮的0.75”LED在100英尺内可见
- 触发门锁以快速和轻松地访问您的家
- 通过接触或触摸触发
- 提供12VDC和继电器触点以操作外部闪烁器或视觉指示器
- 电源供应包括

<table>
<thead>
<tr>
<th>模型</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC-911</td>
<td>236</td>
</tr>
</tbody>
</table>

**Phone Status Indicator**
- 明亮的0.75”LED在100英尺内可见，电源供应包括
- **模拟电话**：闪烁LED指示“来电”，静态LED指示“在电话”和闪烁闪烁指示“消息等待”晃动拨号音被检测。也会遵循90到125V消息等待电压的电铃节拍。
- **电子电话**：闪烁LED消除你猜谁的电话在响。连接到电子电话的扬声器。
- **耳机**：闪烁LED结束中断，指示你“在电话”。特殊T适配器提供。

**应用程序**
- 养老院
- 办公楼
- 学校
- 住宅
- 协助生活
- 紧急呼叫911，9-911和8-911呼叫及555（测试）或可编程的电话号码
- 亮灯闪烁，100英尺内可见
- 通过门锁触发以快速和方便地对您的家进行EMS访问
- 通过接触或触摸触发
- 为外部闪光器或视觉指示器提供12VDC和继电器触点
- 电源供应包括

<table>
<thead>
<tr>
<th>模型</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>VR-1B</td>
<td>697</td>
</tr>
</tbody>
</table>

**Line Powered Indication**
- 模型LPL-1连接到任何标准模拟电话线路，指示“来电”（闪烁），"在电话"（静态）或“消息等待”（快速闪烁）指示
- 大的闪烁LED可以被看到高达100英尺。使用耳机时，如果接电话，可以中断电话。
- 当安装在电话系统上时，使用标准90VDC消息等待电压。

<table>
<thead>
<tr>
<th>模型</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>LPL-1</td>
<td>640</td>
</tr>
</tbody>
</table>

**Message Waiting Light Retrofit Kit**
- 操作在标准80-150V DC消息等待电压
- 完全模块化快速插件安装
- 在消息等待或来电时闪烁
- LED在50英尺内可见
- 兼容任何电话系统
- 作为指示器使用

<table>
<thead>
<tr>
<th>模型</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>LM-1A</td>
<td>662</td>
</tr>
</tbody>
</table>

*当安装在电话系统上时，不检测慢速闪动信号（使用模型VR-1B）。
Viking’s Ring Boosters are designed to reshape and increase the ringing power of an existing analog line, PABX extension, FXS port, IP phone system analog port or any other telecom device which provides ringing. The units duplicate the incoming ring cadence, allowing compatibility with custom ringing features. Each line is capable of ringing four 1 REN or eight 0.5 REN telephones and does not affect normal operation of the telephone line or features, such as distinctive ring, caller ID, call waiting, hookswitch flash features, CPC signaling, etc. Viking offers four sizes to fit many different applications.

- True Sine wave ring signal output
- Boosts ring to 4 REN per line
- Caller ID compatible
- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Model RG-224 connects directly to CISCO® VG224

### Model | Description | DOD
--- | --- | ---
RG-4 | 1 Line, Wall Mount | 416
RG-204 | 4 Lines, Wall Mount | 417
RG-212 | 12 Lines, Rack Mount | 419
RG-224 | 24 Lines, Rack Mount | 418

### Ring Booster
- Boosts ring power to 12 REN
- Ring up to 12 additional phones
- Caller ID compatible
- Easy modular installation
- Compatible with distinctive ringing services
- Will not affect normal line operation
- Reshapes troublesome square wave ringing
- Capable of boosting talk battery and loop current

### Model | DOD
--- | ---
RG-10A | 420

### Talk Battery Booster
- The TBB-1B will boost talk battery and loop current on a single analog PABX station, CO line or VoIP ATA FXS port.
- This is helpful for powering line powered devices, such as dialers and emergency phones on low voltage and/or loop current extensions and X-10 wireless phone jacks.
- Screw terminal connections for easy installation
- Boost loop current to 26mA

### Model | DOD
--- | ---
TBB-1B | 632

### Long Loop Adapters
Viking’s Long Loop Adapters extend analog station loop length to 30,000 feet. The LLA-1 and LLA-4 provide long line and off premise extension (OPX) capabilities for PABX and KSU analog stations, ISDN terminal adapters, channel banks, etc. The units are compatible with pulse dialing, touch tone dialing, hookswitch flash features, CPC signaling, and Caller ID features. A ground screw terminal allows for improved surge protection and connection to an earth ground reference for the regenerated line.

- Convert an analog KSU/PABX station to a standard voltage OPX
- Provides 48 VDC talk battery
- Provides 20 Hz, 10 REN sine wave ringing
- Electrically isolates PABX station from extended loop

### Model | Description | DOD
--- | --- | ---
LLA-1 | 1 Line | 615
LLA-4 | 4 Lines | 620

LLA-1 [Replacement for Proctor® model 46222]

LLA-4 [Replacement for Proctor® model 46224]
VE-5x5 Series
Surface Mount Boxes

The VE-5x5 series of surface mount boxes add vandal and weather resistance to many of Viking’s 5” x 5” flush mount entry phones and emergency phones.

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or red powder paint or available in brushed 316 marine grade stainless steel
- Surface mount to a wall, post, single or double gang electrical box
- Compatible with any of Viking’s VE-GNP Series gooseneck pedestals (see page 33 for more info)

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>VE-5x5</td>
<td>Black</td>
<td>1.0” Rain Guard</td>
<td>424</td>
</tr>
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<td>VE-5x5-RD</td>
<td>Red</td>
<td>1.0” Rain Guard</td>
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</tr>
<tr>
<td>VE-5x5-SS</td>
<td>Stainless</td>
<td>1.0” Rain Guard</td>
<td>424</td>
</tr>
<tr>
<td>VE-5x5-NR</td>
<td>Black</td>
<td>No Rain Guard</td>
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<tr>
<td>VE-5x5-NR-SS</td>
<td>Stainless</td>
<td>No Rain Guard</td>
<td>424</td>
</tr>
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</table>

VE-5x5-PNL Series
Blank Panel Boxes

The VE-5x5-PNL Series is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The VE-5x5-PNL Series is compatible with any of Viking’s VE-GNP Series gooseneck pedestals (see page 33 for more info).

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
<th>Description</th>
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<tr>
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VE-6x7 Series
Surface Mount Boxes

The VE-6x7 series of surface mount boxes add vandal and weather resistance to Viking’s K-1700 Series analog entry phones and K-1700-IP Series VoIP entry phones (page 37).

- Finishes: Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or available in brushed 316 marine grade stainless steel
- Surface mount to a wall, post, single or double gang electrical box
- Compatible with any of Viking’s VE-GNP Series gooseneck pedestals (see page 33 for more info)

<table>
<thead>
<tr>
<th>Model</th>
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<td>VE-6x7-NR</td>
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VE-6x7-PNL Series
Blank Panel Boxes

The VE-6x7-PNL Series is designed to surface mount a custom switch, keypad, or card reader.

The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

The VE-6x7-PNL Series is compatible with any of Viking’s VE-GNP Series gooseneck pedestals (see page 33 for more info).

<table>
<thead>
<tr>
<th>Model</th>
<th>Finish</th>
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</table>
The **VE-5x10 Series** of surface mount boxes add vandal and weather resistance to any of Viking’s 5” x 10” flush mount analog or IP phones.

- **Finishes:** Heavy duty 16 gauge steel that is primer powder coated then top coated with textured black or available in brushed 316 marine grade stainless steel.
- **Surface mount to a wall, post, single or double gang electrical box.**
- **Compatible with any of Viking’s **VE-GNP Series** gooseneck pedestals (see below for more information).**

<table>
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<td>VE-5x10-NR-SS</td>
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The **VE-5x10-PNL Series** is designed to surface mount a custom switch, keypad, or card reader. The blank front panel is made from aluminum, making it easy to drill, cut or form. The panel is straight lined and coated with a tough clear powder coating to resist corrosion. Four screws and a gasket are included for easy installation.

<table>
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**VE-3x5 Surface Mount Box**

The **VE-3x5** surface mount box adds versatility to Viking’s **E-40** or **E-50 Series** Entry Phones (page 44).

- 16 gauge CRS
- UV stable black fine texture powder paint
- Surface mount to a wall, post, or single gang electrical box

<table>
<thead>
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<th>Model</th>
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<td>VE-3x5</td>
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**Accessories**

**VE-LIGHT**

Add bright LED illumination to any doorbox or entry phone that is housed in a Viking surface mount box with a rain guard.

**VE-RMB**

Attaches to the plastic junction box supplied with some Viking doorboxes and entry phones. It provides a means of mounting even when no wall stud or support beam is accessible.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<td>VE-LIGHT</td>
<td>LED Kit</td>
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</tr>
<tr>
<td>VE-RMB</td>
<td>Retrofit Kit</td>
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</tbody>
</table>

**Gooseneck Pedestals**

The gooseneck pedestals are designed to be used with select Viking surface mount boxes. Ideal for drive up communications, the gooseneck pedestals are constructed of heavy duty black powder painted steel or stainless steel.

Pad mount to a floor or concrete with 4 available bolt holes or use the **VE-GNP-IG** to mount in-ground or in wet cement.

<table>
<thead>
<tr>
<th>Model</th>
<th>Height</th>
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<tbody>
<tr>
<td>VE-GNP</td>
<td>42”</td>
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</tr>
<tr>
<td>VE-GNP-SS</td>
<td>42”</td>
<td>424</td>
</tr>
<tr>
<td>VE-GNP-IG</td>
<td>64”</td>
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<tr>
<td>VE-GNP-2</td>
<td>42”/72”</td>
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</table>

**E-1600A-MK-GNP**

Mounting kit for attaching the E-1600A and E-1600-IP Emergency Phones to a Viking gooseneck pedestal.

<table>
<thead>
<tr>
<th>Model</th>
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<tbody>
<tr>
<td>E-1600A-MK-GNP</td>
<td>227</td>
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</table>
Enclosures for Installing Products Outdoors

Added Protection for Viking Emergency Phones, Entry Phones, Doorboxes or other devices

The VE-9x12 and VE-9x20 provide the ultimate in weather protection for your Viking product or other telecom devices.

These enclosures are constructed of cast aluminum and are made for years of outdoor service. The heavy-duty aluminum doors are labeled “TELEPHONE” and have a gasket seal to keep out even the harshest weather. The VE-9x12 allows you to choose from two panels that allow mounting many different Viking products.

Both the VE-9x12 and VE-9x20 are available in three high visibility colors: emergency red with silver lettering, safety yellow with red lettering, or black with silver lettering.

Applications Include:
- Parking Lots
- Playgrounds
- Campuses
- Maintenance Areas
- Swimming Pools
- Roadside Help Areas
- Hospitals
- Building Exteriors
- Fueling Stations

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
<td>VE-9x12R-0</td>
<td>Red 9”x12” Outdoor Enclosure with No Adapter Panel</td>
<td>413</td>
</tr>
<tr>
<td>VE-9x12Y-0</td>
<td>Yellow 9”x12” Outdoor Enclosure with No Adapter Panel</td>
<td>413</td>
</tr>
<tr>
<td>VE-9x12B-0</td>
<td>Black 9”x12” Outdoor Enclosure with No Adapter Panel</td>
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</tr>
<tr>
<td>VE-9x12R-1</td>
<td>Red 9”x12” Outdoor Enclosure with Adapter Panel 1</td>
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<tr>
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</tr>
<tr>
<td>VE-9x12B-1</td>
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<tr>
<td>VE-9x12R-2</td>
<td>Red 9”x12” Outdoor Enclosure with Adapter Panel 2</td>
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</tr>
<tr>
<td>VE-9x12Y-2</td>
<td>Yellow 9”x12” Outdoor Enclosure with Adapter Panel 2</td>
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<tr>
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<td>Black 9”x12” Outdoor Enclosure with Adapter Panel 2</td>
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<td>VE-9x20R-0</td>
<td>Red 9”x20” Outdoor Enclosure with No Adapter Panel</td>
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<tr>
<td>VE-9x20Y-0</td>
<td>Yellow 9”x20” Outdoor Enclosure with No Adapter Panel</td>
<td>413</td>
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<tr>
<td>VE-9x20B-0</td>
<td>Black 9”x20” Outdoor Enclosure with No Adapter Panel</td>
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<tr>
<td>VE-9x20R</td>
<td>Red 9”x20” Outdoor Enclosure with Standard Adapter Panel</td>
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<td>VE-9x20Y</td>
<td>Yellow 9”x20” Outdoor Enclosure with Standard Adapter Panel</td>
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<td>VE-9x20B</td>
<td>Black 9”x20” Outdoor Enclosure with Standard Adapter Panel</td>
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</tbody>
</table>

Enclosure Accessories

VE-PBL: Push button lock and key set for any VE-9x12 or VE-9x20 enclosure.
VE-SPG: Hinge door return spring for use with the VE-9x12 and VE-9x20.

Please note - the VE-9x20 includes a VE-SPG.
VE-9x12MK-1: Internal adapter panel 1 for the VE-9x12.
VE-9x12MK-2: Internal adapter panel 2 for the VE-9x12.
VE-9x20MK: Internal adapter panel for the VE-9x20.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>VE-PBL</td>
<td>Push Button Lock</td>
<td>413</td>
</tr>
<tr>
<td>VE-SPG</td>
<td>Door Return Spring</td>
<td>413</td>
</tr>
<tr>
<td>VE-9x12MK-1</td>
<td>VE-9x12 Adapter Panel 1</td>
<td>413</td>
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<tr>
<td>VE-9x12MK-2</td>
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<tr>
<td>VE-9x20MK</td>
<td>VE-9x20 Standard Adapter Panel</td>
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</tr>
</tbody>
</table>
Door Entry and Camera Controller

The C-1000B allows single line phones or phone systems to share a phone line with one or two Viking W-Series doorboxes. The C-1000B provides two touch tone controlled relays to operate door strikes or gate openers and provides doorbox triggered CCTV camera switching. Viking doorboxes can be used on single line residential or home office applications as well as on fully loaded systems, when used with a C-1000B.

- Allows two Viking W-Series doorboxes to share a single telephone line with a residential or business telephone system
- Custom ringing mode to distinguish doorbox calls from CO calls
- Provides (2) touch tone controlled SPDT relay contacts (5 Amp rating) for door strikes or gate openers
- Calls can be placed on hold when visitors call from the doorbox

Doorbox triggered CCTV camera switching
- Call waiting tones indicate which doorbox is calling and distinguishing a doorbox call from a CO line call
- Built-in talk battery for “No CO Line” applications
- Compatible with Viking’s Single Line Paging Controllers, model SLP-1 or SLP-4 (page 23)
- Keyless entry/postal lock input
- Auxiliary contact output for doorbell, light, etc.

Analog Handsfree Doorboxes

Answer Your Door or Gate from Any Phone in Your Home or Business

Viking’s handsfree doorboxes are available in four different chassis configurations and are designed to interface directly with an unused trunk input / FXO port of a phone system. One or two doorboxes can also share an existing phone line when used with a C-1000B doorbox controller. When the “Call” button is pressed, the doorbox generates a standard or custom ring cadence.

- Connect to a phone system’s unused trunk input, FXO port or a Viking C-1000B controller (above)
- Blue LED call progress/night light on W-1000, W-3000 and W-3005
- High output speaker amplifier with volume adjustment
- Adjustable microphone volume
- 40 Volt talk battery
- 20 Hz ring generator (6.0 REN ring load maximum)
- Selectable ring cadence and number of rings
- Selectable “Push-to-Talk” feature for noisy environments
- Operating temperature range: -15°F to 130°F
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating (Learn more about EWP see DOD 859)
- W-3005 features a built-in color video camera with wide viewing angle and tilt / swivel adjustments (page 7)
- W-3005 can use one CAT 5e cable for audio and video transmission

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<td>W-1000</td>
<td>Flush Mount Black Doorbox</td>
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<tr>
<td>W-1000-EWP</td>
<td>Flush Mount Black Doorbox</td>
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<tr>
<td>W-2000A</td>
<td>Surface Mount Doorbox</td>
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<td>Surface Mount Doorbox</td>
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<tr>
<td>W-3000</td>
<td>Flush Mount Stainless Steel Doorbox</td>
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<td>W-3000-EWP</td>
<td>Flush Mount Stainless Steel Doorbox</td>
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<tr>
<td>W-3005</td>
<td>Flush Mount Stainless Steel Video Doorbox</td>
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<tr>
<td>W-3005-EWP</td>
<td>Flush Mount Stainless Steel Video Doorbox</td>
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</tbody>
</table>
12 Button Entry Phones with Built-In Directories

**Features**
- Analog or VoIP interface
- 12 buttons speed dial up to 20 digits each, with 12 rollover numbers
- Easy one button push operation
- Integrated relays for door strike and camera control
- Built-in custom tenant directory
- Enhanced Weather Protection (EWP) models available, designed to meet IP66 Ingress Protection Rating
- Flush mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available (page 33, sold separately)
- Heavy-duty 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics
- Heavy-duty 14 gauge louvered 316 marine grade stainless steel faceplate
- T-10 Torx security mounting screws

**Analog Models**
- Interface to a CO line, analog PABX station, or FXS port
- Hangs up on CPC, busy, silence, time-out or dial tone
- Operates on 12 to 24 volts AC/DC (12VDC adapter provided)
- 50 keyless entry codes
- Selectable auto-answer feature for monitoring
- Postal lock input
- Touch tone restriction from microphone
- Use with model C-1000B (page 35) for improved security
- Compatible with model C-3000 (page 39) for “No CO” (phone line) operation
- Operating temperature: -30°F to 150°F

**VolP Models**
- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Two sets of SPDT 2 Amp relay contacts for door/gate or camera control
- Blue “Call / Status” LED indicator
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity numbers can be programmed to only allow access at specific times and/or days of the week
- Event logging with time and date stamp
- Hangs up on busy, time-out or touch tone command
- Remotely programmable
- Programmable microphone and speaker volume
- Selectable auto-answer feature for monitoring
- Operating temperature: -40°F to 140°F

**Analog Interface**
Viking offers many analog telephone line interface products. Depending on the product and in some cases the application, these analog interface products can be connected to:
- CO Line
- PABX / KSU station
- Unused trunk input
- FXS port
- FXO port

**VolP Interface**
Viking’s VolP products feature:
- SIP compliant
- PoE powered
- Automatic Noise Canceling (ANC)
- Network downloadable firmware
- Program remotely

Specific VolP models also feature 2 Amp relays, programmable “speed dial” numbers, and built-in entry controllers that can accommodate up to 1000 keyless entry codes and/or proximity card numbers.

**EWP = Enhanced Weather Protection**
Viking’s Enhanced Weather Protection (EWP) products are weather-sealed with a thick protective coating that keeps the elements out. Applications where products are installed outdoors, or in harsh / corrosive environments like a swimming pool area or beach, should always use the EWP version! Features include:
- PCB completely sealed in an injection molded thermoplastic potting compound
- Sealed LED, push button switch and microphone connections
- Internally sealed switches, trim pots and dip switches
- Mylar speaker with foam gasket
- Gasketing to prevent water penetration
- Connectors filled with anti-corrosive gel
- EWP products are designed to meet an Ingress Protection rating of IP66

For more information on EWP, see DOD 859.

---

**Table**

<table>
<thead>
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<th>Analog</th>
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**DOD**

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<td>273</td>
</tr>
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<td>194</td>
</tr>
<tr>
<td>274</td>
</tr>
</tbody>
</table>
Handsfree Entry Phones with Built-In Keypads

### Features
- Analog or VoIP Interface
- Two finishes: Brushed Stainless Steel or Oil Rubbed Bronze (BN)
- Enhanced Weather Protection (EWP) models available
- Blue "Call/Status" LED indicator
- Push mount with the included zinc plated steel rough-in box
- Optional Surface Mount Boxes available for all models on this page (see page 32, sold separately)
- 14 gauge louvered 316 marine grade stainless steel faceplate
- Permanent laser etched graphics on stainless steel models
- Stainless steel "Call" button
- Heavy duty sealed keypad
- T-10 Torx security mounting screws

### Analog Models
- Telephone line powered
- Interface to a CO line, analog PABX station, or FXS port
- Advanced call progress detection: disconnects on busy signal, return to dial tone, CPC, reorder tone, call time-out, and 40 second silence time out
- Auto-answer feature for monitoring
- Selectable push button disconnect
- Adjustable mic and speaker volume
- Programmable VOX (microphone / speaker) switching speed
- Operating temperature: -20°F to 130°F

### VoIP Models
- Two sets of 2 Amp relay contacts for door/gate control
- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Automatic Noise Canceling (ANC) feature for proper operation in noisy environments
- Network downloadable firmware
- Speed dial up to 250 numbers
- Cycles to rollover number on busy or no-answer
- Program up to 1,000 keyless entry codes and/or proximity card numbers
- Keyless entry codes and proximity card numbers can be programmed to only allow access at specific times and days of week
- Event logging with time and date stamp
- Remotely programmable
- Programmable microphone and speaker volume
- Operating temperature: -40°F to 140°F

### Compatible Viking Controllers
- C-500 (page 42)
- C-4000 (page 39)
- C-2000B (page 42)
- C-1900-3 (page 39)
- C-3000 (page 39)
- SRC-1 (page 41)

---

**Controller Built-in**

### K-1700 Series
- Entry phone with built-in keypad.
- Stainless steel model (left) shown in optional VE-6x7 Surface Mount Box (see page 32, sold separately)

### K-1705 Series
- Built-in analog color composite video camera
- 420 lines of resolution and 80° viewing angle
- Tilt and swivel adjustment

### K-1770 Series
- Built-in proximity reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (see page 38)

### K-1775 Series
- Built-in analog color video camera
- 420 lines of resolution and 80° viewing angle
- Built-in proximity reader
- 125KHz compatible 26-bit Wiegand format
- Compatible with Viking proximity credentials (see page 38)
**125 KHz Proximity Reader**
- Standard 26-bit Wiegand interface
- Use with Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Compact size mounts to mullion / door frame

**Mullion Mount Proximity Reader with Keypad**
- Read range of up to 6 inches
- Reader Format: 26-bit Wiegand
- Keypad formats: 26-bit Wiegand and 8-bit burst
- Use with Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, and certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes standard with Enhanced Weather Protection (EWP)

**Keypad with Proximity Reader**
- Reader format: 26-bit Wiegand
- Keypad formats: 26-bit Wiegand and 8-bit burst
- Use with Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating

**Proximity Cards and Fobs**
- No magnetic strip to wear out
- No batteries
- PRX-C is credit card size with slot
- Thinner, more flexible PRX-C-ISO
- No minimum quantities

**High Performance Proximity Reader**
- Read range of up to 16 inches
- Standard 26-bit Wiegand interface
- Use with Viking PRX-C, PRX-C-ISO, PRX-FOB, LRT-4, certain legacy HID® proximity protocols* and certain AWID 125KHz proximity protocols**
- Comes with Enhanced Weather Protection (EWP)
- Surface mounts to non-metallic wall, post, or single gang electrical box

**Long Range 4 Channel Transmitter and Receiver**
- Up to 400 ft range [line of sight]
- Convenient key fob design
- 4 buttons to activate up to 4 Wiegand devices
- Secure, Rolling Code + Encryption, digital, anti-playback wireless transmission
- Integrated 125KHz proximity module for close range access credential

**Wiegand Keypad**
- Slender aluminum housing for mullion mounting
- Pigtail leads
- Buzzer and LEDs show status
- Standard 26-bit Wiegand interface
- Designed for outdoor use, the PRX-4 comes standard with Enhanced Weather Protection, designed to meet IP66 Ingress Protection Rating
- Dimensions: 7.1” x 1.7” x 0.5”

**Proximity / Entry Controller**
- 1 door with up to 250 users
- Use with a card reader or keypad
- Standard 26-bit Wiegand interface
- Program with a touch tone phone
- Output for data logging
- Power supply included

---
* HID and the HID logo are registered trademarks of HID Global Corporation, an ASSA ABLOY company. All other trademarks are the property of their respective owners.
** AWID is a trademark of Applied Wireless Identification Group.
Apartment /Office Entry Controller

The K-1900-3 converts any touch tone phone into a multi-number auto dialer that will store up to 250 telephone numbers.

When a call initiated by the K-1900-3 is answered by an apartment or business tenant, a built-in relay contact may be activated to control an electric gate or door strike. Up to 250 keyless entry codes may also be programmed.

- Stores 250 tenant touch tone phone numbers and keyless entry codes
- DPDT relay for controlling door strikes, magnetic locks, gates, etc.
- Multi-number dialer mode (kiosks, etc.)
- Ring-thru mode for calling the entry phone
- Auxiliary relay input to trigger a timed relay activation for postal locks, etc.
- Power supply included

*Commonly Used with:*
- K-1700-3
- K-1705-3
- K-1770-3
- K-1775-3
- K-1900-8
- or any touch tone phone

No CO Line Entry Controller

Eliminates the monthly expenses of an entry phone line and CO “call waiting” feature on tenant’s lines. The C-3000 rings the tenant’s phone or provides call waiting tones. The tenant can “buzz” the visitor in from their touch tone phone via the front and rear door strike contacts. Power supply included.

- Functions with or without tenant CO lines
- Supports two entry points and 12 tenants
- Expands to 96 tenants by adding more units (each C-3000 adds 12 additional tenants)

*Commonly Used with:*
- AES-2000
- AES-2005
- K-1200
- K-1205
- K-1700-3
- K-1705-3
- K-1770-3
- K-1775-3
- K-1900-8
- or any touch tone phone

4 Door Entry Controller

The C-4000 converts any four touch tone phones into multi-number auto dialers that will store up to 250 telephone numbers. When a call initiated by the C-4000 is answered by an apartment or business tenant, a built-in relay may be activated to control an electric gate or door strike.

- Supports 4 entry points
- Supports 4 Wiegand devices
- Stores 250 tenant touch tone phone numbers and 250 entry codes
- Remote or local touch tone programmable
- Programmable relay activation code
- Programmable master entry code and maintenance personnel entry codes
- DPDT relay for controlling door strikes, magnetic locks, gates, etc.
- Power supply included

*Commonly Used with:*
- K-1700-3
- K-1705-3
- K-1770-3
- K-1775-3
- K-1900-8
- or any touch tone phone

Name Directories

Viking’s vandal-resistant directories are an easily installed, high-quality line of displays, designed specifically to complement newly installed or existing secure-building entry systems. All models feature both weather and vandal resistant construction. The D-Series directories are durably constructed from 18 gauge brushed stainless steel to perfectly match the style and function of Viking’s stainless steel phones.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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<tbody>
<tr>
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<td>D44</td>
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<td>158</td>
</tr>
<tr>
<td>D56</td>
<td>56 Names</td>
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</table>
Accessible Entry System

Usable by people with sensory and physical impairments

The Accessible Entry System is a hands-free phone with a built-in auto-dialer, which will allow access to apartment/office buildings by using analog telephone service. In order to assist people of varying abilities, the directory is displayed on the LCD screen and an audible announcement is played.

The system is housed behind a marine grade 316 stainless steel panel with metal keypad and control buttons. Power supply included.

- Supports up to 525 tenant names and phone numbers
- Data logging via the PB-100
- Door strike contacts
- Postal lock input
- Remote recording and programming
- Designed to help meet ADA requirements
- Compatible with Viking proximity credentials [page 38]
- Model AES-2000S and AES-2005F also feature a built-in color video camera
- PB-100 required for programming [see below]

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>AES-2000S</td>
<td>Surface Mount Entry System</td>
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<td>AES-2000F</td>
<td>Flush Mount Entry System</td>
<td>202</td>
</tr>
<tr>
<td>AES-2005S</td>
<td>Surface Mount Entry System with Camera</td>
<td>204</td>
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<tr>
<td>AES-2005F</td>
<td>Flush Mount Entry System with Camera</td>
<td>204</td>
</tr>
<tr>
<td>ERAM-4M</td>
<td>Expansion Memory</td>
<td>854</td>
</tr>
</tbody>
</table>

Applications Include:

- Apartment/Office Buildings
- Assisted Living Residences
- Nursing Homes
- Gated Communities
- Hospitals
- Public Housing

Add Entry Points to the AES Models

Add up to 32 additional points of entry to the Viking AES-2000 Accessible Entry System. The ES-3 operates a door strike or magnetic lock upon receiving valid credentials from a Wiegand device. One ES-3, one Wiegand device, and a door strike or magnetic lock of your choice is required for each additional entry point.

- Two wire CAN communication protocol can be daisy-chained together
- Share with a door strike’s 12-24V AC or DC power source
- Power supply included

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>ES-3</td>
<td>195</td>
</tr>
</tbody>
</table>

PC to Phone Line Interface / Controller

The PB-100 connects to a serial or USB port on your PC and also to an analog phone line. The PB-100 accepts ASCII commands to seize the phone line, watch for busy, and to send and receive touch tones or data. If the PC is equipped with a sound card, the audio input and output can be coupled to the phone line. A CD ROM is included with programs to do emergency phone polling, AES-2000 programming, hotel/motel wake up dialer or design your own voice announcer, message center, etc. Power supply included.

- Windows compatible software included
- Remote programming of AES-2000 Entry System [above]

<table>
<thead>
<tr>
<th>Model</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>PB-100</td>
<td>232</td>
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</table>
Secure Remote DTMF Controller

- Touch tone programmable
- 6 digit security code
- Relay activation code
- 32 keyless entry codes
- Operates on any 12-24V AC/DC power source
- Power supply included

The SRC-1 enables a standard touch tone phone to securely operate a set of timed 5 Amp relay contacts to control a door strike or gate controller from a remote location. The SRC-1 is fully user programmable and uses non-volatile memory. The SRC-1 eliminates the possibility of dialing the activation code through the entry phone using a hand held touch tone dialer. The SRC-1 can be used with any of Viking’s analog Entry Phones and Doorboxes. A postal lock input is provided.

Remote Controller for 1 Relay

- Programmable access code
- Easy installation
- Selectable relay operation times
- Normally open or normally closed relay

For off-premise applications, the RC-2A will answer analog CO lines or PABX/FXS stations after a selectable ring delay. Then the RC-2A can be activated to allow remote relay operation. Power supply included.

Remote Controller for 3 Relays

- Operational commands can be customized to 1, 2 or 3 digits in length
- Relay interrogation tones
- Programmable relay times
- Cascade up to three RC-3 units to control up to nine relays

Up to three units can be daisy chained on the same line to control up to nine relays. The RC-3 features switchable 32V talk battery allowing easy installation on a trunk/FXO port. The unit can be connected directly to a CO line or analog PABX/FXS station. Power supply included.

Network Enabled Relay Controller

- Notification by email or text message of sensor input state change
- Ready-to-use webpage control interface
- Encrypted login
- Relay names, input names, and input status can be customized on webpage

The RC-4A provides networked control of four relays via an easy-to-use web interface. The same interface can be used to check the status of four contact inputs. Relays can be toggled on or off, or user-programmed timed closures can be activated.

The RC-4A can be configured to work as a remote relay for Viking IP phones, controlling door strikes and gates when a remote relay is required for security reasons. It can also be programmed to send an email or text message in response to a change in one or more of the sensor inputs. Two units can be set up so that activity on a sensor input of one unit will automatically activate one of the relays on the other unit. Power supply included.
Single Entry Phone Interface

**Allows House Phones or a Phone System to Share a Phone Line with One Viking Entry Phone**

The C-200 allows a single line telephone or a telephone system to share a phone line with a single Viking entry phone. When a visitor presses the call button on the entry phone, the resident’s phone ringer. The resident can now answer and converse with the visitor prior to manually allowing entry. If you are on a call, the C-200 provides a “Call Waiting” tone. The resident can “hook flash” which puts the call on hold while they converse with the visitor. Power supply included.

<table>
<thead>
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<th>Model</th>
<th>DOD</th>
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<tbody>
<tr>
<td>C-200</td>
<td>169</td>
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</tbody>
</table>

**Compatible with:** All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Single Entry Phone/Relay Controller with Call Forwarding

- 5 Amp door strike or gate control relay
- Immediate call forward mode
- Built in 5 number dialer (1-20 digits)
- No CO mode

The C-250 allows single line phones or a phone system to share a phone line with a Viking entry phone. When the entry phone initiates a call, the C-250 provides a double ring. If there is no answer, the controller can dial up to 5 numbers to connect the entry phone call to a cell phone or guard station.

Buzz the visitor in with a 1 or 2 digit touch tone command. The C-250 allows tenants to monitor the entry phone and has a postal lock input. Power supply included.

<table>
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<th>Model</th>
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</thead>
<tbody>
<tr>
<td>C-250</td>
<td>172</td>
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</tbody>
</table>

**Compatible with:** All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Two Entry Phone/Relay Controller with Call Forwarding

- No CO mode
- Analog station mode
- Immediate call forward mode
- 6 keyless entry codes per door
- Programmable Caller ID
- Expandable to 4 controllers for up to 8 entry phones

The C-500 allows single line phones or a phone system to share a phone line with two Viking entry phones. When the entry phone initiates a call, the C-500 provides distinctive ring. If there is no answer, the controller can dial up to 5 numbers to connect the entry phone call to a cell phone or guard station. Buzz the visitor in with a 1 or 2 digit touch tone command. The C-500 allows tenants to monitor either phone and features two trigger inputs, 5 Amp door strike or gate opener contacts and programmable entry phone caller ID. Power supply included.

<table>
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<th>Model</th>
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<tr>
<td>C-500</td>
<td>177</td>
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</tbody>
</table>

**Compatible with:** All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.

Four Entry Phone/Relay Controller

- Analog station dial through mode for apartment or office entry applications
- Provides 6 different keyless entry codes per door and 6 master codes for use at any door
- Codes can be set as permanent or “1 time” use
- Provide 4 unique CD quality door chimes plus whole house paging when used with the Viking SLP-4 (page 23)
- Programmable Caller ID
- Programmable relay activation code

Answer and open up to 4 doors or gates from your nearest phone. The C-2000B can provide a double ring and/or caller ID to indicate which entry phone is calling. If you are on a call the controller provides call waiting tones and caller ID. You can place the existing call on hold, talk to the visitor, then return to the original caller. The unit can ring up to 16 phones. Programmable “Privacy Number” eliminates prank calls. The C-2000B allows the user to monitor any entry phone with auto answer capability. Power supply included.

<table>
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<th>Model</th>
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<td>C-2000B</td>
<td>156</td>
</tr>
</tbody>
</table>

**Compatible with:** All Viking E-Series and K-Series analog entry phones or use with any standard analog phone.
### Door Entry Phones

#### Features
- Analog or VoIP interface
- Easy one button push operation
- Remotely programmable
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Adjustable microphone and speaker volume
- Available with Enhanced Weather Protection (EWP), designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (sold separately), see page 32

#### Analog Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>E-10A</td>
<td>- Heavy-duty black aluminum faceplate (5.0” x 5.0”) - Flush mount - Optional Surface Mount Boxes</td>
</tr>
<tr>
<td>E-20B</td>
<td>- Impact resistant UV stable light gray plastic chassis - Dimensions: 5.5” x 4.5” - Surface mount only</td>
</tr>
<tr>
<td>E-30</td>
<td>- Heavy-duty brushed 316 stainless steel faceplate (5.0” x 5.0”) - Flush mount - Optional Surface Mount Boxes</td>
</tr>
<tr>
<td>E-32</td>
<td>- Heavy-duty brushed 316 stainless steel faceplate (5.0” x 5.0”) - Flush mounts in a standard double gang box</td>
</tr>
<tr>
<td>E-35</td>
<td>- Built-in analog video camera - Heavy-duty brushed 316 stainless steel faceplate (5.0” x 5.0”) - Optional Surface Mount Boxes</td>
</tr>
</tbody>
</table>

#### VolP Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-10A-EWP</td>
<td>- 2 Amp relay contacts for door or gate control - SIP compliant</td>
</tr>
<tr>
<td>E-10-IP</td>
<td>- PoE powered (class 1, &lt;4 Watts) - Automatic Noise Cancelling (ANC) for proper operation in noisy environments - Polling and programming software included - Network downloadable firmware - Program to dial up to 5 numbers on busy or ring no answer - Hangs up on busy signal, time-out, or touch tone command - Remotely programmable - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-10-IP-EWP</td>
<td>- 2 Amp relay contacts for door or gate control - SIP compliant</td>
</tr>
<tr>
<td>E-20B</td>
<td>- PoE powered (class 1, &lt;4 Watts) - Automatic Noise Cancelling (ANC) for proper operation in noisy environments - Polling and programming software included - Network downloadable firmware - Program to dial up to 5 numbers on busy or ring no answer - Hangs up on busy signal, time-out, or touch tone command - Remotely programmable - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-20B-EWP</td>
<td>- 2 Amp relay contacts for door or gate control - SIP compliant</td>
</tr>
<tr>
<td>E-20-IP</td>
<td>- PoE powered (class 1, &lt;4 Watts) - Automatic Noise Cancelling (ANC) for proper operation in noisy environments - Polling and programming software included - Network downloadable firmware - Program to dial up to 5 numbers on busy or ring no answer - Hangs up on busy signal, time-out, or touch tone command - Remotely programmable - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-20-IP-EWP</td>
<td>- 2 Amp relay contacts for door or gate control - SIP compliant</td>
</tr>
<tr>
<td>E-30</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-30-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-30-IP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-30-IP-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-32</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-32-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-32-IP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-32-IP-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-35</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
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<tr>
<td>E-35-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
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<td>E-35-IP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
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<td>E-35-IP-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
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<td>E-30-PT</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
<tr>
<td>E-30-PT-EWP</td>
<td>- - Wide operating temperature range: -40°F to 140°F</td>
</tr>
</tbody>
</table>

#### Compact Analog Color Video Camera Kits

- The VCAM-1 features tilt and swivel adjustment, stainless steel mounting hardware, potted circuit board, 12VDC adapter / wire connections. For IR illuminator compatibility use model VCAM-1IR.

#### Single Gang Analog Video Camera Kits

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>DOD</th>
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</thead>
<tbody>
<tr>
<td>VCAM-1</td>
<td>Analog Color Camera</td>
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<tr>
<td>VCAM-1IR</td>
<td>IR Analog Color Camera</td>
<td>190</td>
</tr>
<tr>
<td>VCAM-2-SS</td>
<td>Stainless Single Gang Panel with Camera</td>
<td>190</td>
</tr>
<tr>
<td>VCAM-2-BN</td>
<td>Bronze Single Gang Panel with Camera</td>
<td>190</td>
</tr>
<tr>
<td>PNL-VCAM-2-SS</td>
<td>Replacement Faceplate for VCAM-2-SS</td>
<td>190</td>
</tr>
<tr>
<td>PNL-VCAM-2-BN</td>
<td>Replacement Faceplate for VCAM-2-BN</td>
<td>190</td>
</tr>
</tbody>
</table>
### Features
- Analog or VoIP interface
- Convenient handsfree communication
- Easy one button push operation
- Remotely programmable
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Adjustable mic and speaker volume
- Enhanced Weather Protection [EWP] models available, designed to meet IP66 Ingress Protection Rating
- Optional Surface Mount Boxes available (see pages 32-33, sold separately)

### Analog Models
- Telephone line powered
- Interface to a CO line, analog PABX station, or FXS port
- Intelligent call progress detection for automatic hang-up on CPC, silence, busy signal, or time-out
- Adjustable mic and speaker volume
- Programmable maximum call length
- Selectable auto-answer feature allows remote monitoring
- Programmable VOX [mic/speaker] switching speed
- Operating temperature: -30°F to 150°F

### VoIP Models
- 2 Amp relay contacts for door or gate control
- SIP compliant
- PoE powered (class 1, <4 Watts)
- Automatic Noise Canceling [ANC] for proper operation in noisy environments
- Network downloadable firmware
- Programmable to dial up to 5 numbers on busy or ring no answer
- Hangs up on busy signal, time-out or touch tone command
- Remotely programmable
- Operating temperature: -40°F to 140°F

### Compatible Viking Controllers
- C-200 [page 42]
- C-250 [page 42]
- C-500 [page 42]
- C-2000B [page 42]
- SRC-1 [page 41]

### Analog Single Gang Entry Phones

**Models on pages 44-45 available in these finishes:**
- Brushed Stainless Steel (SS)
- Oil Rubbed Bronze (BN)
- Satin White (WH)
- Textured Black (BK)

- **E-40 Series**
  - Vandal resistant 18 gauge 304 stainless steel faceplate
  - Blue LED helps locate the push button, as well as indicate ringing and off-hook
  - Compact size 4.87”H x 3.12”W x 1.7”D
  - Flush mounting in a standard single gang box
  - Optional VE-3x5 surface mount box (page 33)
  - Replacement faceplates available in all finishes, see DOD 188

**E-40-SS** (Brushed Stainless Steel finish)

- **E-50 Series**
  - Built-in color composite video camera with 420 lines of resolution
  - Audio and video transmission on one CAT 5e cable
  - Compact size 4.87”H x 3.12”W x 1.7”D
  - Flush mounting in a standard single gang box
  - Optional VE-3x5 surface mount box (page 33)
  - Camera power supply included
  - Replacement faceplates available in all finishes, see DOD 192

**E-50-BN** (Oil Rubbed Bronze finish)
Analog and VoIP Double Gang Entry Phones

For Features and Operation see page 44

E-60 / E-60-IP Series
- VoIP or Analog models available
- Vandal resistant 18 gauge 304 stainless steel faceplate
- Blue LED helps locate the push button, as well as indicate ringing and off-hook
- Dimensions: 4.87” x 4.94” x 1.7”
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes available (page 32, sold separately)
- Replacement faceplates available in all finishes, see DOD 209

E-65 Series
- Built-in color composite video camera with 420 lines of resolution
- Audio and video transmission on one CAT 5e cable
- Dimensions: 4.87” x 4.94” x 1.7”
- Flush mount in a standard double gang box
- Shown in optional VE-5x5 Surface Mount Box (page 32, sold separately)
- Camera power supply included
- Replacement faceplates available, see DOD 201

E-70 Series
- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 38 for additional compatible Viking products
- Dimensions: 4.87” x 4.94” x 1.7”
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 200

E-75 Series
- Built-in color composite video camera with 420 lines of resolution
- Audio and video transmission on one CAT 5e cable
- Built-in 125KHz compatible 26-bit Wiegand proximity reader, see page 38
- Dimensions: 4.87” x 4.94” x 1.7”
- Flush mount in a standard double gang box
- Optional Surface Mount Boxes (page 32)
- Replacement faceplates available, see DOD 211

Analog Double Gang Entry Phones

For Features and Operation see page 44

<table>
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</table>
X-35-SS
14 Gauge Marine Grade
316 Stainless Steel with
#4 Brushed Finish

X-35-BK
Textured Black Powder
Painted Stainless Steel

X-35-BN
Oil Rubbed Bronze Powder
Painted Stainless Steel

Model | Finish  | VoIP | EWP | Camera | DOD
------|---------|-----|-----|-------|---
X-35-SS | Stainless | ✘   | ✘   | ✘      | 370
X-35-SS-EWP | Stainless | ✘   | ✘   | ✘      | 370
X-35-BK | Black | ✘   | ✘   | ✘      | 370
X-35-BK-EWP | Black | ✘   | ✘   | ✘      | 370
X-35-BN | Bronze | ✘   | ✘   | ✘      | 370
X-35-BN-EWP | Bronze | ✘   | ✘   | ✘      | 370

- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Remotely programmable via Web GUI
- Integrated 1080p HD video camera with 126° viewing angle
- ONVIF Profile S compliant
- H.264 and MJPEG video compression
- Dual-Stream HD video for up to two 1080p video streams
- Selectable video resolutions: 352 x 288, 704 x 526, 720p and 1080p
- Multicast paging compatible
- 2 Amp relay contacts for door strikes, gate controllers, strobe lights, etc.
- Cycles through up to five backup phone numbers on busy or no-answer
- Blue backlit 316 stainless steel push button switch
- Flush mounts in a standard double gang electrical box (not included), or can be surface mounted using an optional Surface Mount Box (page 32)

IP Emergency Phones with HD Video

Model | Finish  | VoIP | EWP | Camera | DOD
------|---------|-----|-----|-------|---
X-1605 | Red | ✘   | ✘   | ✘      | 380
X-1605-EWP | Red | ✘   | ✘   | ✘      | 380
X-1605-32 | Stainless | ✘   | ✘   | ✘      | 380
X-1605-32-EWP | Stainless | ✘   | ✘   | ✘      | 380

- SIP compliant and PoE powered (class 2, <6.5 Watts)
- Remotely programmable via Web GUI
- Integrated 1080p HD video camera with 126° viewing angle
- H.264 and MJPEG video compression
- Dual-Stream HD video for up to two 1080p video streams
- Multicast paging compatible
- 2 Amp relay contacts for door strikes, gate controllers, strobe lights, etc.
- 352 x 288, 704 x 526, 720p and 1080p

Material: 14 gauge brushed marine grade 316 stainless steel
Mounting: Flush mounts in a standard double gang electrical box (not included), or can be surface mounted using an optional Surface Mount Box (page 32)

Material: 16 gauge steel with durable high visibility textured powder paint
Mounting: Surface mount to walls, posts, single gang boxes, or recess mount in elevator phone boxes
NEVER MISS WHAT’S OUTSIDE YOUR DOOR.

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