

# VIKING

## Electronics Monthly

Reliable Products for Your Security and Communication Needs

VOLUME 30 : ISSUE 4 APRIL 2018

## SPOTLIGHT: Vandal Resistance

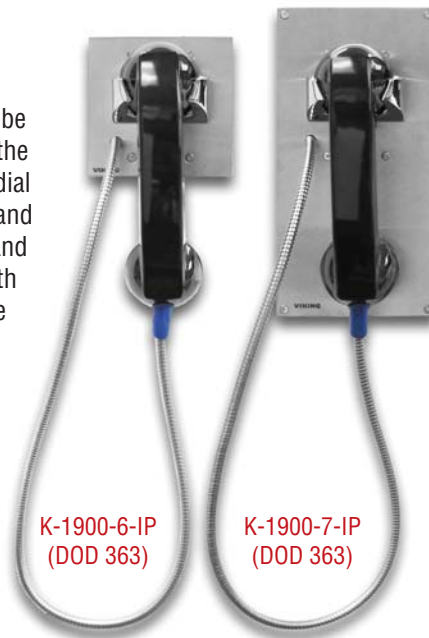
### Vandal Resistant IP Panel Phones

The K-1900-6-IP and K-1900-7-IP VoIP Panel Phones can be programmed to auto-dial a 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.

- Built-in adjustable ringer
- SIP compliant and PoE powered (class 1<4 Watts)
- Built-in 2 Amp relay contacts
- 5 programmable phone numbers with rollover
- Mounts on a standard double gang electrical box
- Optional VE-5x10 Surface Mount Box available
- Optional Enhanced Weather Protection (EWP)
- Wide temperature range: -40°F to 140°F

#### Vandal Resistant Features:

- 12 gauge marine grade 316 stainless steel front panel
- Permanent laser etched graphics
- Heavy-duty metal hook switch and armored cable
- T-10 Security Torx drive mounting screws



K-1900-6-IP  
(DOD 363)

K-1900-7-IP  
(DOD 363)

#### Analog models also available

Analog "no-dial" phones: DOD 352  
Analog "hot-line" phones: DOD 364

### Durable Handsfree Communication

Model E-30 is a classic stainless steel speaker phone that provides convenient handsfree communication. Connect directly to a CO line, analog PABX station, or FXS port.

The E-30 is telephone line powered, features a built-in 5 number dialer, and has intelligent call progress detection for automatic hang-up on CPC, silence, busy, or time out.

The brushed stainless steel faceplate is an attractive choice for both residential and commercial applications, and is also rugged and reliable, constructed for many years of use. The E-30 flush mounts, or use with a VE-5x5 surface mount box, sold separately.



Model E-30 (DOD 212)

#### Models with Added Features

- For outdoor use, the E-30-EWP has Enhanced Weather Protection
- Model E-35 comes with a built-in analog color video camera
- For VoIP applications, the E-30-IP is SIP compliant with PoE

### Get to Know Us!



#### Name:

James Catt

#### How long have you worked at Viking?

14 years

#### What do you do here?

I'm an Engineer, developing software and firmware, I'm the in-house IT and website support, and I'm also the tallest employee, so I tend to get asked to reach things that are up high.

#### Why do you like working at Viking?

There is always something different to work on, and a good group of people to conquer challenges with.

#### Favorite treat to share at work:

Doughnuts

#### What do you like to do outside work?

Play video games with my girlfriend's kids and work on repairs and upgrades around the house.

#### Favorite book:

The Hitchhiker's Guide to the Galaxy (increasingly inaccurately named) Trilogy

#### Favorite quote:

"The ships hung in the sky in much the same way that bricks don't."

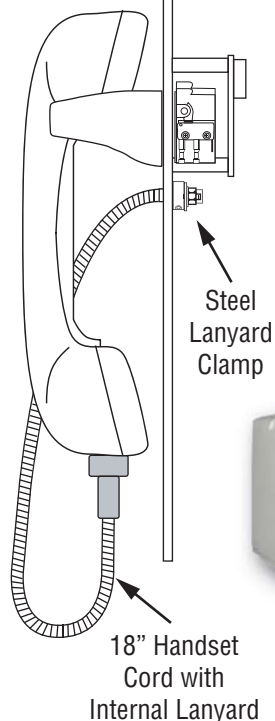
- Douglas Adams

# TECH TIPS

If you're installing a Viking panel phone in an area with a history of vandalism, you should consider ordering a custom panel phone with our 18" heavy duty armored handset cable and an internal stainless steel lanyard. The built in lanyard tethers the handset to a steel clamp on the panel phone, making it a much stronger armored cable. The panel phone looks the same as a standard model, except for a shorter handset cable length. This special handset cable can be ordered on most Viking panel phones.

For more information on custom panel phones, give us a call at: 715-386-8861

Side view of custom K-1900-7



## This month in Technology History

### April 23, 1964: Standards Eastern Automatic Computer (SEAC) Decommissioned

The Standards Eastern Automatic Computer (SEAC) is retired after fifteen years. SEAC was the first to use all-diode logic. SEAC was based on EDVAC. It had 747 vacuum tubes, and the clock rate was under 1 MHz.



### April 26, 1983: TRS-80 Model 4

On April 26, 1983 - the TRS-80 Model 4 was introduced. It contained a 4 MHz processor, 16 KB of RAM, a cassette interface, keyboard and monochrome monitor. \$1000 for the base model, or \$2000 if you upgraded the RAM to 64 KB.



### April 30, 1993: World Wide Web Goes Public

On this day, the technology behind the World Wide Web was made public domain. This meant anyone could develop browsers and servers without paying a license fee, and lead to the internet we know and use today.

## TRIVIA QUESTION

Johnny Cash recorded "Folsom Prison Blues" in 1955, but what year did he actually write the song?

Everyone who calls, emails, or faxes in the correct answer by APRIL 30, 2018 will be entered into a drawing for a delicious cheese assortment shipped fresh direct from the Bass Lake Cheese Factory!

### MARCH'S TRIVIA QUESTION:

What is the official name for the color of yellow paint used on school buses?

**ANSWER: National School Bus Glossy Yellow** (FYI: It used to be called "National School Bus Chrome" because the lead-based pigment contained chromium. Eventually, the lead-based color was phased out and replaced with the "National School Bus Glossy Yellow" used today.)

**CONGRATULATIONS to ROSINA AMATA from JENNE!**



This E-20B Entry Phone is located at the St. Croix County Sheriff's Office, in our hometown of Hudson, Wisconsin. It is mounted in the hallway by the main entrance for communication after hours.

The E-20B is a telephone line powered speaker phone that provides two-way handsfree communication.

For more info on the E-20B Speaker Phone, go to [www.VikingElectronics.com](http://www.VikingElectronics.com) and request DOD 210.

## Vandal Resistant VoIP Phone with Auto Dialer, Keypad and 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 phone is designed to provide quick and reliable communication for SIP VoIP phone systems with PoE. The K-1900-8-IP 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.



**K-1900-8-IP  
(DOD 361)**

- SIP compliant and PoE powered (class 2 <6.5 Watts)
- Speed dials up to 250 numbers, each with rollover
- Store up to 1000 keyless entry codes
- Event logging with time and date stamp
- 26 bit Wiegand input for proximity card readers
- 2 sets of relay contacts
- Built-in adjustable ringer
- Dimensions: 5.0"W x 10.0"H

- Hearing aid compatible amplified handset
- Models available with optional Enhanced Weather Protection (EWP)
- Wide temperature range: -40°F to 140°F
- Zinc plated steel rough-in box included
- Optional VE-5x10 Surface Mount Box available (sold separately, shown right)

**Analog model also available**

Vandal resistant analog panel phone with keypad: DOD 362



Shown in optional VE-5x10 Surface Mount Box (DOD 424)

## Two Way Phone Line Simulator

The DLE-200B Line Simulator produces two way communication between standard telecom products such as modems, fax machines, Key Systems, PABX's and standard single line telephones. The Line Simulator can also provide sales people with a cost effective, easy to use method of conducting on site demonstrations, eliminating the need to locate phone lines and disrupt the customer's phone service.

The DLE-200B Line Simulator provides precise dialtone, DC talk battery and standard or distinctive ringing. The unit also provides a CPC break on hang up.

**Applications Include**

- Dedicated point-to-point communications
- Prison phone communications
- Courtesy phones
- Programming and demonstrating telecom products



**DLE-200B  
(DOD 605)**

## High-Visibility Emergency Phones



**E-1600A**

**E-1600-60A**

**E-1600-45A**

These emergency phones meet the ADA requirements for elevator and emergency telephones. They can dial up to 5 emergency numbers, as well as 2 central station numbers, and are easily programmed from a touch tone phone.

They can automatically deliver a digital announcement to identify the location of the emergency call and/or send a DTMF touch tone code. They are phone line powered, requiring no batteries or external power, and are compatible with common Central Station Monitoring equipment.

In addition to the models above, Viking offers a wide selection of Emergency Phones in different styles, colors, and sizes for nearly every application.

For information on Analog Emergency Phones: DOD 215  
For information on VoIP Emergency Phones: DOD 255

## UPCOMING EVENTS

For the most up-to-date information:



**American Jail Association Expo**  
Sacramento, CA  
April 21-25, 2018

**ISC West**  
Las Vegas, NV  
April 11-13, 2018

**Channel Partners**  
Las Vegas, NV  
April 18-20, 2018

**InfoComm18**  
Las Vegas, NV  
June 6-8, 2018



## Contact Viking

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Include your mailing address and we will promptly honor your request.

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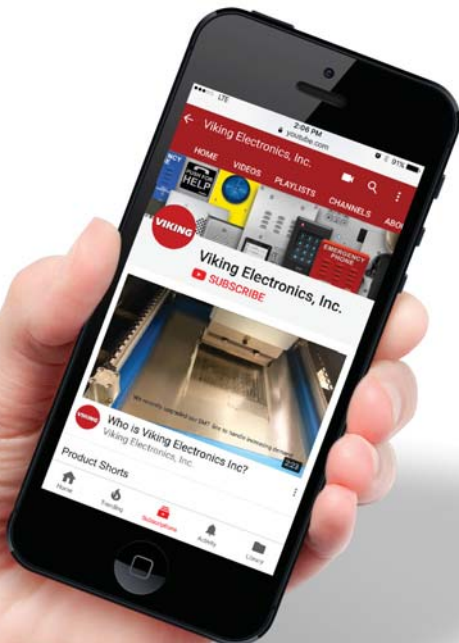
PLEASE NOTE: Viking Electronics is dedicated to protecting your privacy.  
We will never share or sell your personal information.

# VIKING

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## Check out our expanding YouTube channel!

We host videos about Viking products and how they work. Plus - we are adding new videos all the time. It's a great place to learn more about who we are and what we do!

Stay connected with Viking:



## WHAT'S INSIDE?

- Find out more about our vandal resistant options
- Check out the trivia question (it's about the man in black...)
- Learn about our tough and reliable emergency phones