

# ACR-V SERIES

## Cast Aluminum

## VoIP Ringdown Telephones

### ACR-V SERIES OUTDOOR/INDOOR INDUSTRIAL VoIP NON-HAZARDOUS TELEPHONES

- ACR-11-V Direct Call Ringdown/Volume Control Handset/Curly Handset Cord
- ACR-41-V Direct Call Ringdown/Volume Control Handset/Armored Handset Cord

### FEATURES and BENEFITS

- Adaptive "Full" duplex operation
- PoE 802.3af enabled (Power-over-Ethernet) or alternate power source
- Compatible with SIP RFC 3261 compliant IP-PBX and Cloud based servers
- Auxiliary Relay to control external devices with multiple control modes (Refer to document P007402 – VoIP Setup and Configuration Guide)
- Network web management interface
- Guardian Discovery Utility makes it easy to detect, locate and launch the web based configuration screens
- Web Interface provides full configuration over device. Some key features include:
  - Handset Volume and Microphone default level settings
  - Relay activation management
  - Call timers/
  - Event Management, Real Time Monitoring, Product Updates
  - Product Automated configuration
- Autodial on off hook
- Powder coated, die cast aluminum corrosion resistant enclosures
- Operating temp: -22° to +140°F (-30° to +60°C)
- Weather, dust & corrosion resistant for any industrial application
- Locking or non-locking door (Key is common to all lock)s
- Spring loaded door and magnetic latch standard
- Magnetic reed hook switch - no moving parts
- Hinge turns on nylon bushings to avoid jamming caused by salt or corrosion
- Heavy duty G type industrial handset
- Waterproof connections & stainless steel fittings for longer life
- Modular parts for easy service
- Hearing aid compatible
- Lift the handset and the autodialer routes the call to its assigned location



ACR-11-V  
– Ringdown Tele-  
phone with Heavy  
Duty  
Curly Handset Cord



ACR-41-V  
– Ringdown Telephone  
with Vandal Resistant  
Armored Handset Cord

### AC RANGE OF TELEPHONES

Guardian's AC RANGE meets the demanding requirements of sites that are prone to abuse and inclement weather. Rated for Moderately Harmful and Adverse Areas.

### ACR-V SERIES OF TELEPHONES

Guardian's ACR-11-V & ACR-41-V Cast Aluminum Telephones are housed in a locking or non-locking aluminum enclosure, these telephones resist moisture, dust and corrosive chemicals. They are specially designed to provide reliable service in outdoor environments. These Telephones are compatible with SIP RFC 3261 compliant IP-PBX and Cloud based servers.

### APPLICATIONS

These telephones are designed to provide reliable communications in environments prone to abuse and inclement weather:

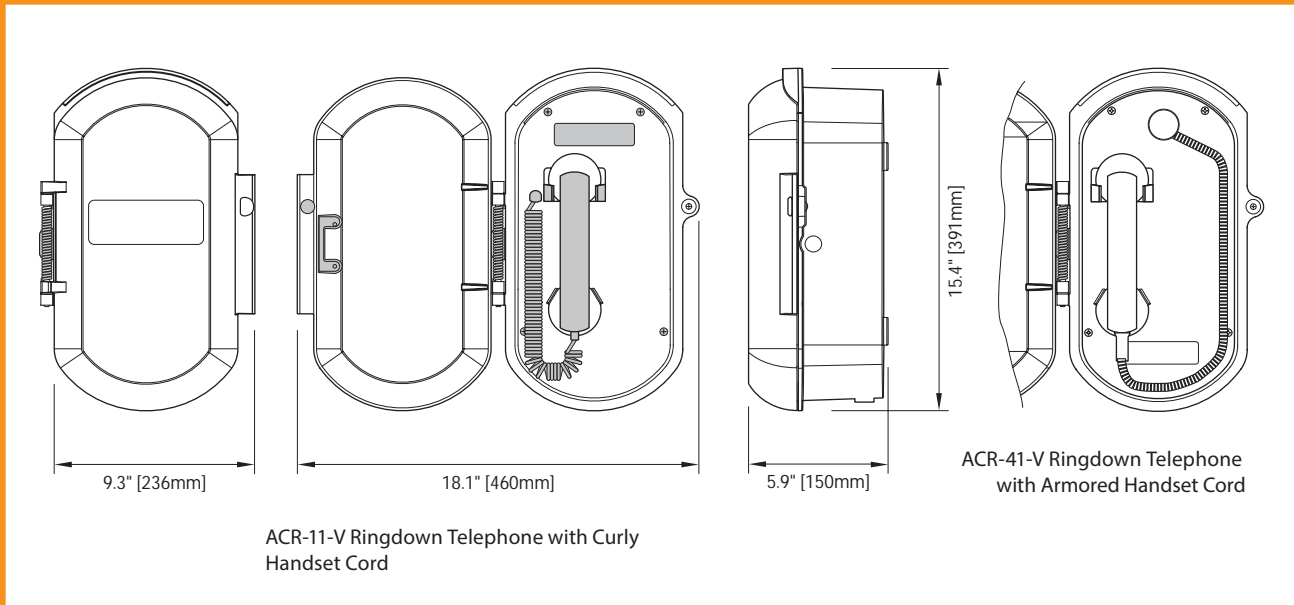
|                        |                        |                     |
|------------------------|------------------------|---------------------|
| Universities           | Public Access Areas    | ATMs                |
| Secure Access Entry    | Transit Authorities    | Medical Centers     |
| Public Safety Purposes | Roadside Emergency     | Sporting Facilities |
| Industrial Parks       | Building Entrances     | Call Boxes          |
| Parking Facilities     | Plant Entry Gates      | Muster Points       |
| Transit Authorities    | Amusement Parks        | Sporting Facilities |
| Medical Centers        | Senior Citizen Housing | Airports            |
| Mass Transit           | Road Networks          | Parks               |
| and more ...           |                        |                     |



**tough. trusted. true.**



## OVERALL DIMENSIONS



## ACR-V Series Cast Aluminum VoIP Ringdown Telephones

## ENGINEERING SPECIFICATIONS

### ELECTRICAL PERFORMANCE

Network Rate  
Protocols:

10/100 Mbps  
SIP (RFC 3261 Compliant)  
HTTP Web-based configuration  
DHCP Client  
TFTP Client  
RTP  
PCMU (G.711 mu-law)  
PCMA (G.711 A-law)  
G722.1 (Siren7)  
G722.2 (AMR-WB)  
G729.1 (G729J & G729EV)

Audio Encodings:

### ENVIRONMENTAL

Weather Proof Enclosure  
Operating Temp:  
Storage Temp:  
Humidity  
Corrosion Resistant

Type 3R  
-22° TO +140° F (-30° TO +60° C)  
-58° to +176° F (-50° to +80° C)  
0 - 95% RH Non-Condensing  
Full Gasket Faceplate

### COMPLIANCE

FCC  
IC  
IEC

Part 15<sup>†</sup>, Class A  
ICES-003 CLASS A  
CISPR 22: 2008  
61000-6-2: 2005

### ELECTRICAL REQUIREMENTS

Power Requirements

Method 1 - Thru LAN: POE 802.3 af (44-57V)  
Method 2 - External PS:

Auxiliary Relay

Switch OR via POE Injector  
24VDC @ 1A  
1.0A @ 30V

### MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life  
Body Construction  
Faceplate  
Dimensions (H X W X D) Wall mounted  
Net Weight  
Shipping Weight  
Shipping Dimensions (L x W x D)  
Hand Set Construction  
Mounting  
Microphone  
Receiver  
Hardware Material

>1 000 000 Operations  
Cast Aluminum, Powder Coated  
Steel, Zinc Dichromate Plated and Powder Coated  
15.4 X 9.3 X 6.0" (391 X 237 X 153 mm)  
12 lbs (5.5 kg)  
13 lbs (5.9 kg)  
16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)  
Glass Filled Polyester (Carbon Loaded)  
Vertical Wall  
Noise Reducing Electret  
Hearing Aid Compatible  
Stainless Steel



<sup>†</sup> This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### ORDERING INFORMATION

Warranty: Five years parts and labor

| Order No. | Description   |
|-----------|---|
| P5434     | ACR-11-V Ringdown Telephone/6' (1.8m) Curly Handset Cord    |
| P5435     | ACR-41-V Ringdown Telephone/18" (.45m) Armored Handset Cord |
| Options   |   |
| CC        | Conformal Coated Circuit Board                              |
| PMK-ACE   | Pole Mount Kit for ACE-100 Enclosure                        |
| NC        | Noise Canceling Microphone                                  |
| LD        | Locking Door  |
| AC-YL     | Yellow Enclosure  |
| AD        | Autodialer  |

Distributed by:



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