

ACR-V Series Cast Aluminum IP 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
- Auxilliary 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
 - Lock version limits access to authorized personnel only
 - Key is common to all locks
- 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
Telephone 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:

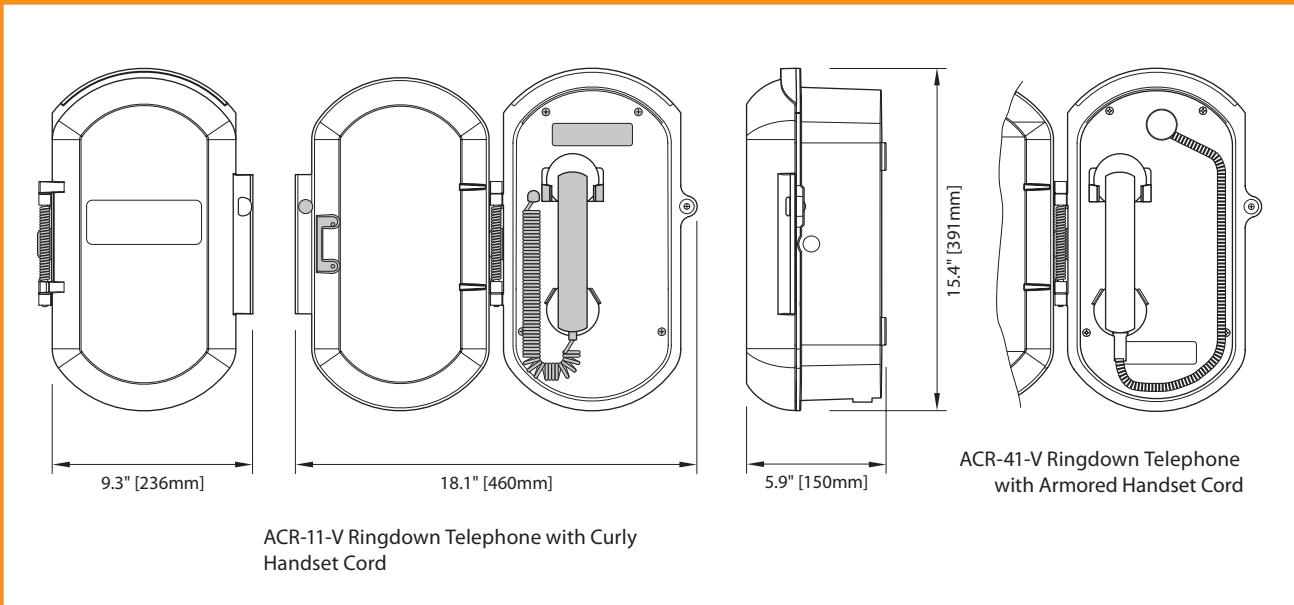
Universities	Transit Authorities	Roadside Emergency
Mines	Swimming Pools	Call Boxes
Airports	Parking Garages	Food Processing Facilities
Warehouses	Plant Entry Gates	Cement Plants
Docksides	Pulp & Paper Mills	Sewage Plants
Greenhouses	Construction Sites	and more



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OVERALL DIMENSIONS



ACR-V Series Cast Aluminum IP 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:

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

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 15¹, Class A
ICES-003 CLASS A
CISPR 22: 2008
61000-6-2: 2005

¹ 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: Three 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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