

# WRR-V-H SERIES

## Hazardous Area VoIP

### Ringdown Telephones

#### WRR SERIES OUTDOOR/INDOOR INDUSTRIAL

#### VoIP HAZARDOUS TELEPHONES

- WRR-11-V-H Direct Call Ringdown/Volume Control Handset/Heavy Duty Coil Cord
- WRR-41-V-H Direct Call Ringdown/Volume Control Handset/Armored Cord/Mounting Plate

#### FEATURES and BENEFITS

- Digitally processed "Full" duplex voice 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
- Heavy duty G type industrial volume control handset
- Rust and corrosion resistant stainless steel hardware
- Compact durable enclosure with mounting plate
- Steel powder coated faceplate to eliminate corrosion
- Front access plate for ease of hook-up
- Noise Reducing Dynamic microphone
- Electronic ringer for reliability
- Temperature range -22° to +140°F (-30° to +60°C)
- Weather, dust & corrosion resistant for any industrial application
- Magnetic reed hook switch to reduce parts subject to wear
- Modular parts for easy service
- Hearing aid compatible



Volume Control  
Handset

#### WR RANGE OF TELEPHONES

Guardian's WR RANGE Weather Resistant Industrial Telephone Series are designed for rough-service areas, special communication needs, that insure high quality communications under extreme working conditions.

#### WRR-V-H SERIES OF TELEPHONES

Guardian's WRR-V-H SERIES Weather Resistant Industrial Telephone Series have been designed for use in Class I, Division 2 hazardous areas where the atmosphere may be hazardous due to the presence of gases. Renowned for safety and durability, from the phone's electronics to their sturdy enclosure constructed of engineering polymer, and are built for demanding applications where reliability is essential.

#### APPLICATIONS

These telephones are designed for use in locations where the atmosphere may be hazardous due to the presence of gases, dust, or fibers such as:

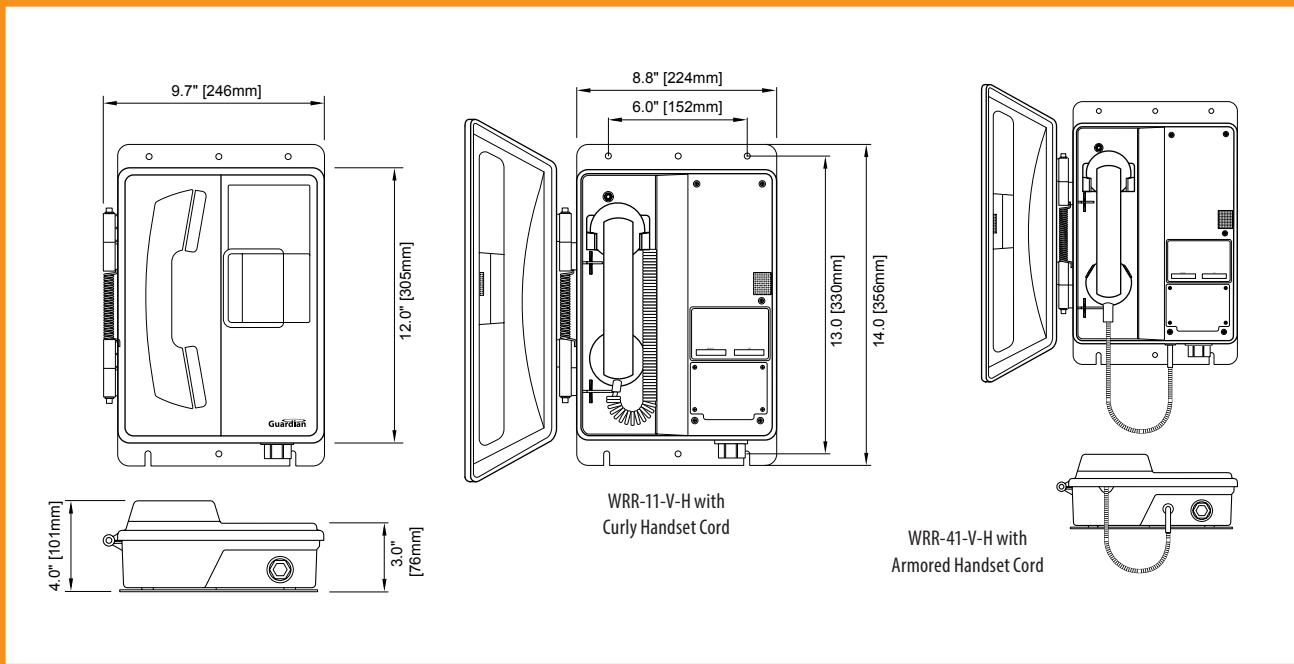
Oil Refineries	Drilling Rigs
Ammonia & Fertilizer Plants	Mines
Paint & Varnish Manufacturing	Bulk Loading Stations
Chemical Plants	Grain Processing Facilities
Sewage Treatment Plants	Food Processing Facilities
Pulp & Paper Mills	and more . . .



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## OVERALL DIMENSIONS



WRR-V-H SERIES Weather Resistant IP Ringdown Telephones

## ENGINEERING SPECIFICATIONS

### ELECTRICAL PERFORMANCE

Network Rate	10/100 Mbps
Protocol	SIP (RFC 3261 Compliant)

### ELECTRICAL REQUIREMENTS

Power Requirements	Switch OR via POE Injector
Method 1 - Thru LAN: POE 802.3 af (44-57V)	24VDC @ 1A
Method 2 - External PS:	1.0A @ 30V
Auxiliary Relay	

### MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life	>1 000 000 Operations
Body Construction	GE Valox 357 <sup>®</sup> Engineering Polymer
Faceplate	Corrosion Protected & Powder Coated Steel
Net Weight (including mounting plate)	7 lbs (3.2 kg)
Shipping Weight (including mounting plate)	8.0 lbs (3.7 kg)
Shipping Dimensions (H x W x D)	15.0" x 5.0" x 11.5" (381 x 127 x 293 mm)
Hand Set Construction	High Impact Polycarbonate
Mounting	Vertical Wall
Wiring Access	7/8" Opening for Owner Supplied Fitting
Microphone	Noise Reducing Dynamic
Receiver	Hearing Aid Compatible
Hardware Material	Stainless Steel

### ENVIRONMENTAL

Weather Proof Enclosure	Type 3R
Temperature	-22° to +140°F (-30° to +60°C)
Humidity	0 - 100% RH Non-Condensing
Corrosion Resistant	Full Gasket Faceplate

### COMPLIANCE

UL/CUL	Class I, Division 2, Groups A, B, C and D
FCC	Part 15 <sup>†</sup> , Class A
IC	ICES-003 CLASS A
	CISPR 22: 2008
	61000-6-2: 2005

IEC



<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
P6308	WRR-11-V-H Volume Control Handset/Curly Cord
P6309	WRR-41-V-H Volume Control Handset with Armored Cord/Mounting Plate

Options	Description
36AVC	36" (.9m) Armored Handset Cord for WRR-41-V-H
72AVC	72" (1.8m) Armored Handset Cord for WRR-41-V-H
20VCV	20' (6.1m) Curly Cord, Volume Control Handset for WRR-11-V-H
CC	Conformal Coated Circuit Board
NC	Noise Canceling Microphone
RC-WRT/WRR	Retainer Clips — must be ordered with WRR-11-V-H (standard on WRR-41-V-H)
GRV	Grey Enclosure
RED	Red Enclosure

Distributed by:



GUARDIAN TELECOM LTD.  
Calgary, Alberta, Canada  
Telephone: 403 258 3100 Facsimile: 403 255 2595  
1 800 363 8010 (North America)  
info@guardiantelecom.com | www.guardiantelecom.com

