

# WRT-V-H SERIES Hazardous Area VoIP Telephones

## WRT SERIES OUTDOOR/INDOOR INDUSTRIAL VoIP HAZARDOUS TELEPHONES

- WRT-10-V-H Teleseal Keypad/Volume Control Handset/Heavy Duty Coil Cord
- WRT-30-V-H Metal Keypad/Volume Control Handset/Heavy Duty Coil Cord
- WRT-40-V-H Metal Keypad/Volume Control Handset/Armored Cord/Mounting Plate

## FEATURES and BENEFITS

- "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
- Steel powder coated faceplate to eliminate corrosion
- Heavy duty G type industrial volume control handset
- Rust and corrosion resistant stainless steel hardware
- Dynamic noise reducing microphone
- Electronic ringer for reliability
- WRT-10-V-H – Waterproof Teleseal Keypad, Curly Cord and Mounting Plate
- WRT-30-V-H – Weather and Dust Proof Metal Keypad, Curly Cord and Mounting Plate
- WRT-40-V-H – Weather and Dust Proof Metal Keypad, Armored Cord and Mounting Plate
- 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 ensure high quality communications under extreme working conditions.

## WRT-V-H SERIES OF TELEPHONES

Guardian's WRT-V-H SERIES Weather Resistant Industrial Telephone Series features encapsulated circuitry and a Type 3R enclosure, WRT Series telephones are specially designed to provide reliable service in outdoor environments, resisting moisture, dust and corrosive chemicals. They have been designed for use in Class I, Division 2 hazardous areas where the atmosphere may be hazardous due to the presence of gas. 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:

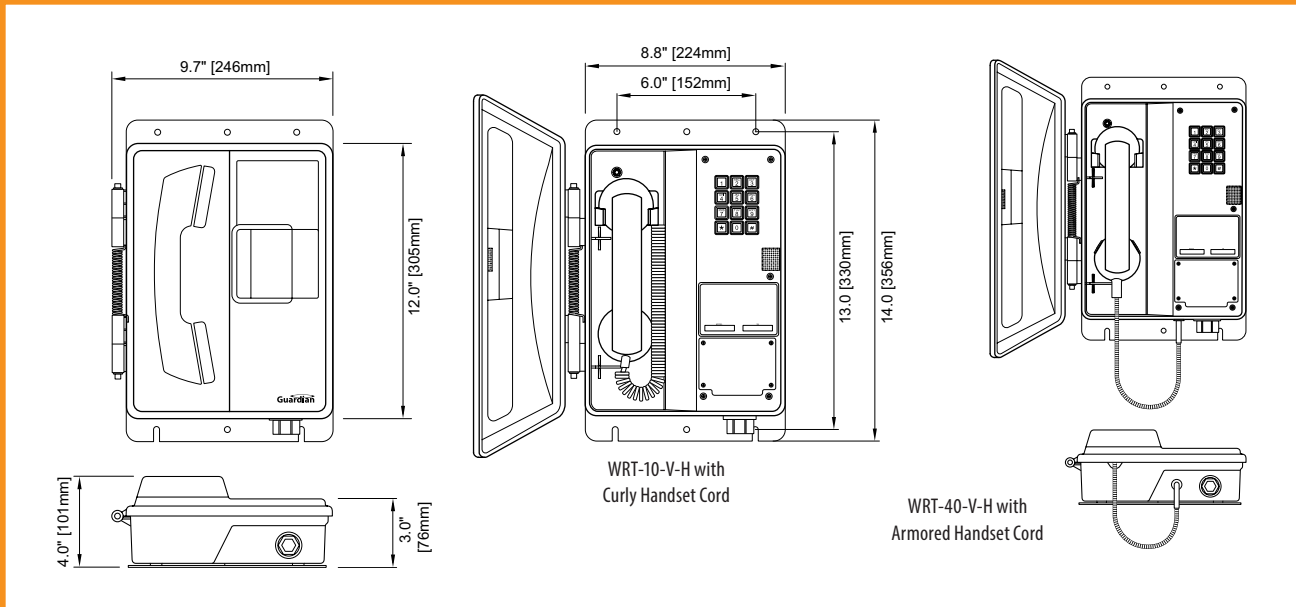
Oil Refineries	Drilling Rigs
Ammonia & Fertilizer Plants	Mines
Paint & Varnish Manufacturing	Bulk Loading Stations
Chemical Plants	Grain Processing Facilities
Sewage Treatment Plants	Food Processing Facilities
Pulp & Paper Mills	and more . . .



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## OVERALL DIMENSIONS



WRT-V-H SERIES Weather Resistant 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:

### COMPLIANCE

UL/CUL  
FCC  
IC

IEC



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

<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.

### 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

Net Weight including mounting plate

Shipping Weight

Shipping Dimensions (H x W x D)

Hand Set Construction

Mounting

Wiring Access

Microphone

Receiver

Hardware Material

>1 000 000 Operations  
GE VALOX 357<sup>®</sup> ENGINEERING POLYMER  
Corrosion Protected & Powder Coated Steel  
7.0 lbs (3.2 kg)  
8.0 lbs (3.7 kg)  
15.0" x 5.0" x 11.5" (381 x 127 x 293 mm)  
High Impact Polycarbonate  
Vertical Wall  
7/8" Opening for Owner Supplied Fitting  
Noise Reducing Dynamic  
Hearing Aid Compatible  
Stainless Steel

### ENVIRONMENTAL

Weather Proof Enclosure

Temperature

Humidity

Corrosion Resistant

Type 3R  
-22° to +140°F (-30° to +60°C)  
0 - 100% RH Non-Condensing  
Full Gasket Faceplate

### ORDERING INFORMATION

Warranty: Five years parts and labor

Order No.	Description
P6301	WRT-10-V-H Teleseal Keypad/ Volume Control Handset/Curly Cord
P6306	WRT-30-V-H Metal Keypad/Volume Control Handset/Curly Cord
P6307	WRT-40-V-H Metal Keypad/Volume Control Handset/Armored Cord

#### Options

36AVC	36" (9m) Armored Handset Cord for WRT-40-V-H
72AVC	72" (1.8m) Armored Handset Cord for WRT-40-V-H
20VCV	20' (6.1m) Curly Cord, Volume Control Handset for WRT-10-V-H & WRT-30-V-H
CC	Conformal Coated Circuit Board
NC	Noise Canceling Microphone
RC-WRT/WRR	Retainer Clips – must be ordered with WRT-10-V-H & WRT-30-V-H (standard on WRT-40-V-H)
GRV	Grey Enclosure
RED	Red Enclosure

Distributed by:



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