

WRR-V SERIES

Weather Resistant VoIP

Ringdown Telephones

WRR-V SERIES OUTDOOR/INDOOR INDUSTRIAL VoIP NON-HAZARDOUS TELEPHONES

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

FEATURES and BENEFITS

- VoIP Sitara Class Control Module:
 - The new OS with web interface to support product configuration easier with logs and status bars. Enhanced self-diagnostics. Interactive help.
 - Supports the latest security protocols (ie: TLS1.2) while still maintaining backwards compatibility.
 - SSL Certificates are supported. Web Interface Screen for SSL. Allows import of web, client and auto provisioning Client Certificates.
 - Compatible with SIP-based IP-PBX servers that comply with SIP (RFC 3261).
- "Full" duplex operation.
- PoE 802.3aT enabled (Power-over-Ethernet) or alternate power source (24VDC).
- Vandal resistant armored handset cord on WRR-41-V model.
- Heavy duty G Type industrial handset.
- Handset retainers to maintain on-hook status.
- Spring loaded door.
- Heavy duty G type industrial volume control handset.
- Rust and corrosion resistant stainless steel hardware.
- Electret noise reducing microphone.
- Electronic ringer for reliability.
- Operating temp: -40° to +140°F (-40° 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.
- Magnetic reed hook switch to reduce parts subject to wear.
- Hearing aid compatible handset receiver.
- Opto-Isolated Inputs and Outputs.
- Fiber media converter.

APPLICATIONS

These telephones are designed to provide reliable communications in non-hazardous environments subject to moisture, dust and corrosive chemicals such as:

Universities	Public Safety Purposes	Transit Authorities
Public Access Areas	Swimming Pools	Mass Transit
Road Networks	Business Park	Remote Locations
Amusement Parks	Parking Garages	Mines
Cement Plants	Plant Entry Gates	Airports
Secure Access Entry	Industrial Facilities	Dockside
Sewage Plants	Construction Sites	Warehouses
Greenhouses	Food Processing Facilities	and more ...



WRR-V SERIES OF TELEPHONES

Guardian's WRR-V SERIES Weather Resistant Industrial Telephone Series are designed for moderately harsh indoor/outdoor environments where standard phones are not suitable. Resists moisture, dust and harmful corrosive chemicals.

Includes the new Guardian VoIP Sitara Class Control Module, fully redesigned with latest technology and enhancements and expandable and adaptable for future product development. Configuration changes can now be made and committed without a full reboot. Three drive partitions allows multiple versions of the firmware to be maintained. Logs and status bars are now included as part of the web interface. Improved hardware architecture to make field replacements of peripherals simple.

WR RANGE OF TELEPHONES

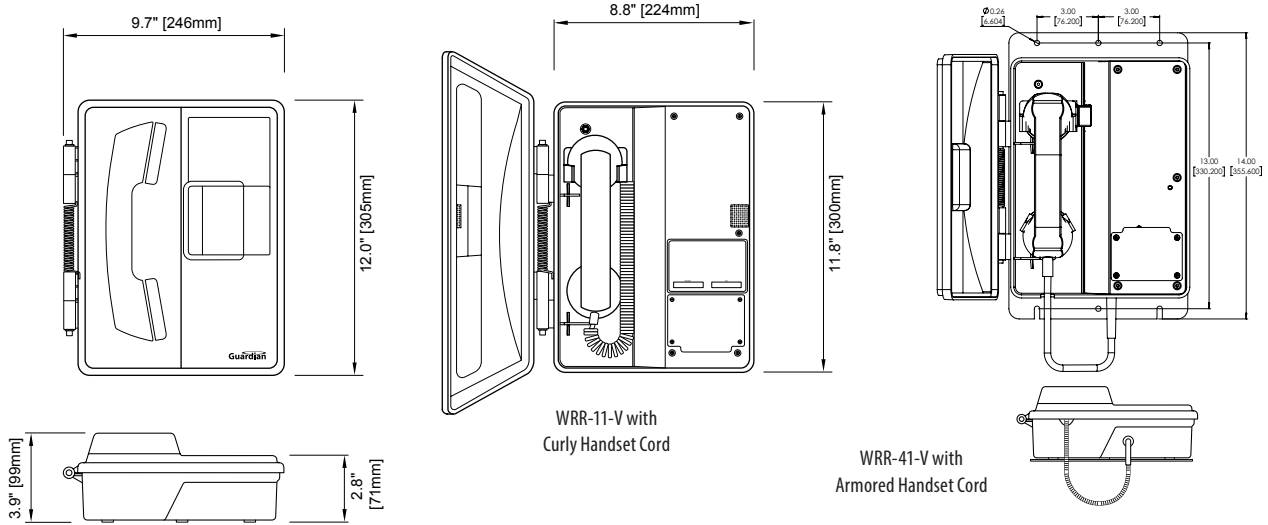
Guardian's WR RANGE Weather Resistant Industrial Telephone Series are designed for rough-service areas, special communication needs, that ensure high quality communications under extreme working conditions.



tough. trusted. true.



OVERALL DIMENSIONS



WRR-V SERIES Weather Resistant VoIP Ringdown Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Network Rate
Protocol
Codecs Supported:

10/100 Mbps
SIP (RFC 3261 Compliant)
G.711 (Mu-law)
G.711 (A-law)
G.729.1 (G729) and (G729EV)
G.722.1 (SIREN)
G.722.2 (AMR-WB)

ENVIRONMENTAL

Weather Proof Enclosure
Storage Temp:
Humidity

Type 3R
-58° to +176°F (-50° to +80°C)
0 to 100% RH

COMPLIANCE

FCC
Canada
European Commission Directives:

Title 47, Part 15
ICES-003 / NMB-A
2014/30/EU & 2014/35/EU
EN55032:2015
EN55035:2017/A11:2020

ELECTRICAL SPECIFICATIONS

Power Requirements
Method 1 – Thru LAN: POE 802.3at
Method 2 – External PS:
Optical Isolated Inputs (qty 4)

Switch OR via POE Injector
24VDC @ 1A
15mA Max
On-board current limited for 3-5V Input
Max Switching Voltage: 30VDC @ 150mA

Optical Isolated Outputs (qty 4)



* Refer to Guardian Telecom SDOC for additional details

MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life
Body Construction
Faceplate
Net Weight (including mounting plate)
Shipping Weight (including mounting plate)
Shipping Dimensions (H x W x D)
Hand Set Construction
Mounting
Wiring Access
Microphone
Receiver
Hardware Material

>1 000 000 Operations
Valox 357U, V0 Flame, UV stabilized
Corrosion Protected & Powder Coated
7 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" (22.2mm) Opening for Owner Supplied Fitting
Noise Reducing Electret
Hearing Aid Compatible
Stainless Steel

ORDERING INFORMATION

Warranty: Five years parts and labor

Order No.	Description	
P6304	WRR-11-V	Volume Control Handset/Curly Cord
P6305	WRR-41-V	Volume Control Handset with Armored Cord/Mounting Plate
Options		
20VC-WRT/WRR	20' (6.1m) Curly Cord for WRR-11-V	
36AVC	36" (9m) Armored Handset Cord for WRR-41-V	
72AVC	72" (1.8m) Armored Handset Cord for WRR-41-V	
CH	Conduit Hub	
NC	Noise Canceling Microphone	
RC-WRT/WRR	Retainer Clips – must be ordered with WRR-11-V (standard on WRR-41-V)	
MP	Mounting Plate (Included with WRR-41-V)	
GRV	Grey Enclosure	
RED	Red Enclosure	

*VoIP SITARA CLASS CONTROL MODULE CONFIGURATION ENHANCEMENTS

Easy one click activation for device changes - no full reboot required.
Keypad Mode Select – Choose between ring down or lock out keypad functionality.
Timed Auto-Answer.
User defined I/O monitoring and notification events with iGuard.
Improved auto provisioning for f/w / configuration updates.

*VoIP SITARA CLASS CONTROL MODULE HARDWARE ENHANCEMENTS

Expanded Keypad interface provides ample opportunity for custom applications.
New Screwless Terminal Block for ease of installation.
4 Opto-Isolated inputs - Can use for monitoring external sensors, alarms, etc.
4 Opto-Isolated Outputs - Can use for control of external devices.



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