DTR-51-V-H configured for desktop

DTR-61-V-H with armored cord

DTR-V-H SERIES
Industrial Desk / Wall Ringdown Telephones

DTR-V-H SERIES INDUSTRIAL VOIP HAZARDOUS TELEPHONES

- DTR-51-V-H - Direct Call Ringdwon/Volume control Handset/Heavy duty Curly Cord
- DTR-61-V-H - Direct Call Ringdwon/Volume control Handset/Armored Cord

FEATURES and BENEFITS

- 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
- 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
- High impact thermoset resin industrial housing and ergonomic heavy duty handset – IP-66 compliant
- Reversible base for desktop or wall mount configurations
- Corrosion resistant hardware
- Noise canceling microphone
- Magnetic reed hook switch to reduce parts subject to wear
- Service temperature range from -22˚ to +140˚F (-30˚ to +60˚C)
- Removable handset retainer latches on cradle
- Hearing-aid compatible (HAC) receiver
- Heavy duty curly handset cord on DTR-51-V-H or vandal resistant armored handset cord on DTR-61-V-H models
- Built in auxiliary relay to switch up to 0.5A @ 30VDC
- Two M20 and one M12 gland entries

DT RANGE OF TELEPHONES

Guardian's DT RANGE are desk and wall mounted industrial telephones designed to provide safe, reliable communication in industrial areas that are prone to harmful environments, where consumer phones are not suitable. Dust and Corrosion resistant.

DTR-V-H SERIES OF TELEPHONES

Guardian's DTR-V-H SERIES provide communication in Class I, Division 2 areas, ensuring high quality communications under extreme working conditions.

Type 4X, IP66 weather rating without being housed in a separate enclosure. High impact thermoset resin industrial housing and ergonomic heavy-duty handset. These models are suitable for demanding applications indoors and outdoors.

APPLICATIONS

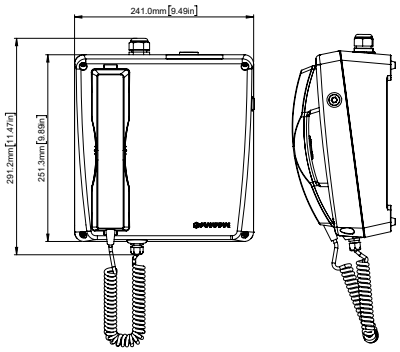
Refineries
Power Generation Facilities
Pulp and Paper Mills
Food Processing Plants
Chemical Plants
Material Sites
Cement Plants
Sewage Plants
Drilling Rigs
Hydroelectric Facilities
Warehouses
Mines
Greenhouses
and more . . .

GUARDIAN TELECOM
tough. trusted. true.

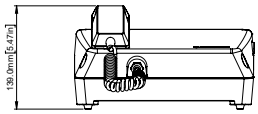
MADE IN CANADA • FABRIQUÉ AU CANADA

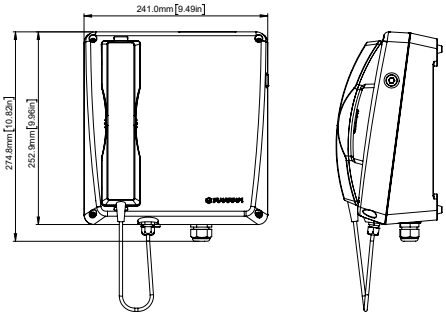
Certified System
SAI GLOBAL
ISO 9001:2015

OVERALL DIMENSIONS

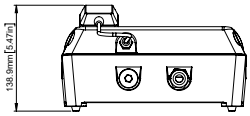


DTR-51-V-H configured for desk mount





DTR-61-V-H configured for wall mount



DTR-V-H Series Hazardous Area Desk/Wall IP Ringdown Telephones

ENGINEERING SPECIFICATIONS

ELECTRICAL PERFORMANCE

Network Rate	10/100 Mbps
SIP Compliance	SIP (RFC 3261 Compliant)
Codecs Supported	G.711 (Mu-law)
	G.711 (A-law)
	G.729.1 (G729J) and (G 729EV)
	G.722.1 (SIREN7)
	G.722.2 (AMR-AB)

ELECTRICAL REQUIREMENTS

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

MECHANICAL SPECIFICATIONS

Hook Switch (Cradle Switch) Life	>1 000 000 Operations
Housing Material	High Impact Thermoset Resin Compound
Handset Material	High Impact Thermoset Resin Compound
Net Weight	8.68 lbs (3.95 kg)
Mechanical Dimensions	241mm[9.5"] W x 273mm [10.76"] L x 139mm [5.5"] H
Shipping Weight	10.7 lbs (4.9 kg)
Shipping Dimensions (L x W x D)	16.0" x 10.5" x 9.5" (407 x 267 x 242 mm)
Mounting	Desk or Wall
Microphone	Noise Canceling
Receiver	Hearing Aid Compatible (HAC)
Hardware Material	Stainless Steel
Wiring Access	2 x M20 Cable Gland Entry Points

ENVIRONMENTAL

Corrosion Resistant & Dustproof	Full Gasket Faceplate
Operating Temperature	-22˚ to +140˚F (-30˚ to +60˚C)
Ingress Protection Rating	IP66
Humidity	0 to 95% RH

COMPLIANCE

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

[†] 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*
P3048	DTR-51-V-H Ringdown Telephone/Curly Handset Cord
P3049	DTR-61-V-H Ringdown Telephone/Armored Handset Cord

Options

20C-DTR-ZONE	20ft (6.1m) Curly Handset Cord for DTR-51-V-H
CC	Conformal Coated Circuit Board
[1] Headset	*Contact a Guardian Telecom sales representative for details.*
[2] Custom Colors	*Custom colors are available. Minimum quantities or premiums may apply.*
	For details on custom options, contact a Guardian Telecom sales representative.

Distributed by:

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Guardian pursues a policy of continuous improvement, therefore specifications are subject to change without notice.