

WTE-100

Vandal & Weather Resistant Instrument Enclosure



FEATURES and BENEFITS

- Lightweight yet highly durable, fire rated, impact and UV resistant material
- Closed cell silicone gasket provides a water/dust tight seal
- Lid is reinforced with ribs for additional strength
- Stainless steel spring-loaded enclosure door
- Standard non-locking mechanical latch, (locking version available)
- Unique vise action latch ensures a consistent seal when closed
- Multi-finger hinge for strength and durability
- The upper internal faceplate attaches with #8 machine thread screws
- Multiple threaded bosses to support secondary plate(s) or other hardware
- Drill guide dimples make gland/coupling installation easy
- Integrated mounting feet
- Stock or custom internal mounting plates and back pans are available

APPLICATIONS (Instrument Enclosure)

- Onboard Ships
 - Mines
 - Shipyards
 - Chemical Plants
 - Green Houses
 - Fertilizer Plants
 - Refineries
 - Tunnels
 - Drilling Rigs
 - Hydroelectric Facilities
 - Recreation Facilities
 - Oil & Gas Refineries
 - Ammonia Storage Areas
 - Construction Sites
 - Dockside Warehousing
 - Roadside Call Boxes
 - Off-Shore Platforms
 - Pulp and Paper Mills
- and more . . .

INSTALLATION and CONNECTABILITY

The WTE-100 mounts easily from the front of the unit. Integral mounting feet eliminate the need for additional mounting plates. There are pre-dimpled locator holes on both the top and bottom for up to three 1" (25.4mm) nominal cable glands providing easy alignment and drilling.

Options

- Key-lockable latch
- Upper & lower internal mounting plates
- Flat label area or custom embossed logo on door
- Vandal resistant screws for upper mounting plate



WTE-100 – shown with standard non-locking latch.

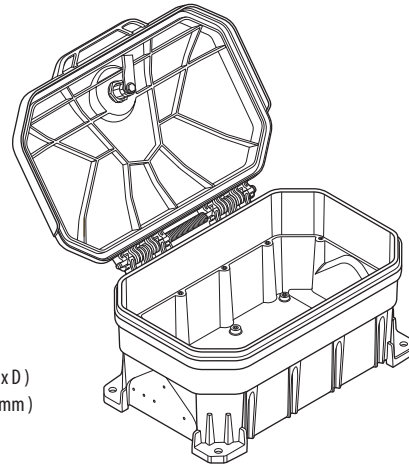
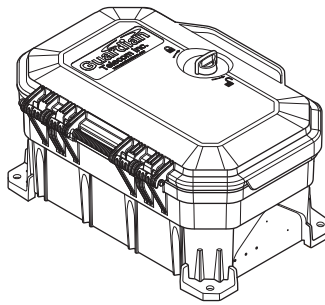
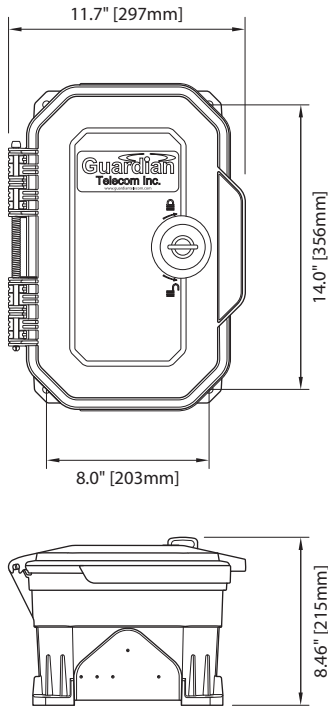
Optional key-lockable latch is available.

Guardian's WTE-100 Vandal & Weather Resistant Instrument Enclosures are designed to withstand extreme environmental conditions. They are excellent enclosures for a wide variety of electronic instruments. Durable materials resist corrosive salt, spray, chemicals, desert dust, tropical humidity, UV rays and impacts. The WTE-100 enclosure is RoHS compliant.

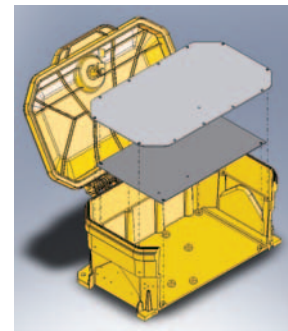
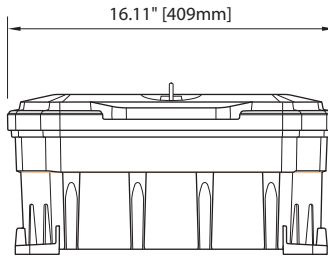
Guardian
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OVERALL DIMENSIONS



Interior Volume Dimensions (H x W x D)
14.0" x 8.5" x 7.0" (356 x 216 x 178 mm)



Exploded view showing optional Front and Back Mounting Plates ▶

WTE-100 Vandal & Weather Resistant Instrument Enclosure

ENGINEERING SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Body Construction	Thermoplastic Resin
Mounting	Vertical Wall
Hardware Material	Stainless Steel
Internal Mounting Provisions	Upper & Lower Plates #8-32 Threaded Inserts
Net Weight	6.6 lbs (3 kg)
Shipping Weight	8 lbs (3.7 kg)
Shipping Dimensions (L x W x D)	20.0" x 15.0" x 11.5" (508 x 381 x 293 mm)

ENVIRONMENTAL

Waterproof Enclosure	CSA Type 4X / IP66
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COMPLIANCE

Fire Rating Equivalent	UL94-V0
RoHS (Restriction of Hazardous Substances)	

ORDERING INFORMATION

Warranty: One year parts and labor

Order No.	Description
P5025	WTE-100 Enclosure with Non-locking Latch
<i>Options</i>	
LCK-WTE	Key-lockable Latch
FP-WTE	Front Mounting Plate with Fasteners
BP-WTE	Back Mounting Plate with Fasteners
VR-WTE	Vandal Resistant Screws for the WTE-100 Upper Mounting Plate

Custom Orders

Logo – Standard WTE-100 enclosures come with an embossed Guardian Telecom Logo on the cover. Customers can order enclosures with their Logos custom embossed on the cover or without embossing, suitable for customer applied graphics.*

Colors – Custom enclosure colors are available.*

Equipment Mounting – Stock or custom internal mounting plates and back pans are available*

* Minimum quantities or premiums may apply. For details on custom options, contact a Guardian Telecom sales representative.

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