

# Inner Range

## External Weather Resistant Terminal Housing

P/N: 990050

### INSTALLATION MANUAL

**NOTE: This document must be read in conjunction with the relevant Terminal Installation Manual.**

#### Overview

The Weather Resistant User Terminal Housing is a weather and vandal resistant metal enclosure offering protection for Inner Range User Terminals. e.g. EliteX or Elite Terminals. It is suitable for external mounting and features a removable hinged door with window to allow viewing of Terminal display text. The mounting plate comes pre-drilled for easy installation of a range of Inner Range User Terminals. A Key Lock is included and provision is made for an optional cabinet tamper switch. For cable entry, 20mm conduit entry points are provided on the top and bottom along with a 25mm round knockout on the rear.

#### Specifications

Dimensions:	Height: 230mm	Width: 211mm	Depth: 55mm
Weight:	Approx. 1.9 kg		
Top/Bottom Cable Entry Holes:	20mm diameter.		
Rear Cable Entry Knockout:	25mm diameter.		
Installation Environment:	0° to 49° Celsius (32° to 120° F ) Ambient. <i>See Note 1 below.</i>		
	15% to 85% Relative humidity (non-condensing)		
Ingress protection:	IP54 when installed according to instructions on page 2. <i>See Note 2 below.</i>		
Material:	1.2mm Cold rolled steel. Powder-coated.		

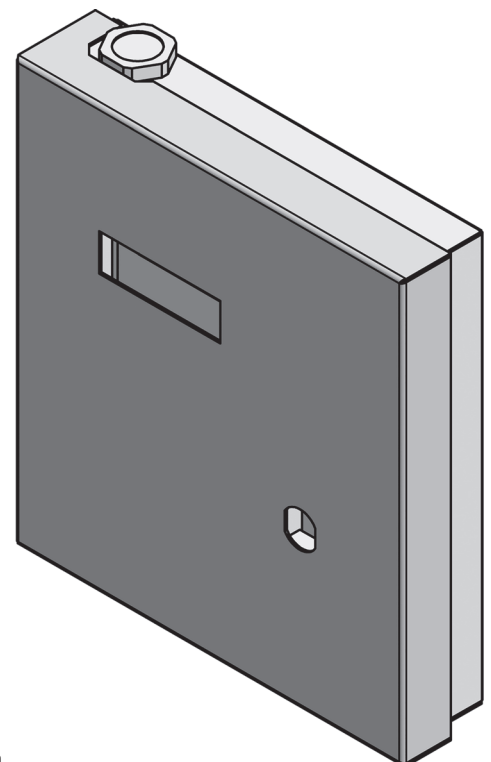
NOTES: 1) Short-term temperature & humidity variations outside these ranges are acceptable, however, the installation environment should be such that the internal temperature & humidity is maintained in the range specified for the product installed in the housing.  
2) Gaskets, Seals & Blanking plugs should be checked periodically as part of a routine maintenance program to ensure the IP rating is maintained.

#### Parts List

- Weather Resistant Terminal Housing assembly including mounting plate for a Terminal & Tamper Switch.
  - Installation Manual. (This document)
  - Installation Kit incorporating:
    - Key Lock with 2 Keys.
    - 2 x Plastic Blanking Plugs with Lock Nuts for unused top & bottom conduit entry holes.
    - 3 x M3x6mm Screws. For the mounting plate.
    - 3 x M3x10mm Screws.
    - 3 x M3 Hex Nuts.
    - 3 x M3 Shakeproof Washers.
- } For Terminal installation.

#### Optional Parts & Accessories

999064	Tamper Switch 12mm. 2 Pack. (Normally Closed. Open circuit when plunger depressed)
650003	Replacement Key Lock.
650003K	Replacement/Spare Keys (2) for Key Lock.



**Designed & manufactured in Australia.**

Due to on-going product development this manual is subject to change without notice.

## Installation.

NOTE: If the optional Tamper Switch is used it may be wired to a spare Zone Input on the Terminal (if available), or to a spare Zone Input on a nearby LAN Module using end-of-line resistors. The Tamper Switch is Open Circuit when the plunger is depressed (door closed), so the Zone Input will need the 'Swap Alarm & Seal' / 'Swap Active & Secure States' option enabled. Refer to the relevant Terminal or Module Installation Manual for wiring details.

1. Choose an appropriate mounting location with a solid, flat, vertical surface and not subject to direct sunlight. Ensure the Terminal will be at a suitable height for the intended users. Install in a sheltered location if possible.
2. Remove the mounting plate from the housing. The door may also be removed to make installation easier.
3. If rear cable entry via the wall cavity is required, remove the cable knockout in the rear of the housing. If either of the top or bottom conduit entry holes are not to be used, a plastic blanking plug must be firmly fitted.
4. Install the Key Lock on the door of the housing ensuring the nut is firmly tightened.
5. Remove the backplate from the Terminal (e.g. EliteX) and fit the backplate to the mounting plate using the M3 x 10mm screws, shakeproof washers & nuts in the matching pre-drilled mounting holes. See diagram below.
6. Install the housing using appropriate anchors on the mounting surface if required & appropriate fasteners in the 3 mounting holes provided. Use an appropriate type & quantity of sealant or gaskets on the rear of the housing around the 3 mounting holes and the rear cable entry hole (if knocked out) to prevent ingress of dust or moisture.
7. If cable entry is via the top or bottom conduit entry points, install the conduit and cable. Use an appropriate gland or sealant at the conduit entry point to prevent ingress of dust or moisture.
8. Refit the mounting plate using the M3 x 6mm screws, routing the LAN cable & any other Terminal wiring and Tamper Switch wiring (if used) through the relevant cable cutouts in the mounting plate. See diagram below.
9. a) Connect the LAN cable & any other Terminal wiring as described in the Terminal installation manual.  
b) If fitting a Tamper Switch, route the tamper switch wires up through the hole in the bracket provided in the bottom right-hand corner of the mounting plate. Terminate with the 4.8mm QC Terminals and connect the terminals to the Tamper Switch. Install the Switch into the bracket. See Note above & diagram below.
10. Refit the Terminal to its backplate as described in the Terminal installation manual.
11. Remove the protective film from the window and from the rubber gasket strips around the rear edge of the door. Re-fit the door if it was removed and check for a good seal.

### MOUNTING PLATE

