

# T Installations

TC Installations Limited

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## Part Number: TCENC101.



Shows CISCO AP, Mains Power Socket, Lightning Arrestors & Single Port POE Punch Down Block.

### Description:

This versatile IP65 Rated steel enclosure protects network equipment from the elements or damage and is perfect for enabling 802.11 networks to operate in harsh environments.

This steel enclosure, is extremely durable and rugged, and is used to house one RF Access Port/Point, associated Power Supply, and connections to both power and data sources. The enclosure is fully earthed and purpose built to provide a secure modular environment for all elements of the customers RF system. The enclosure has been designed to IP65 rating and therefore is ideal for warehouse environments. Knockouts are provided to allow customers to configure the entries to their own requirements.

The back plate has been manufactured to allow for CISCO Access Points, Motorola AP300 & AP5131. A number of further M4 inserts have been provided for fitting of power supplies and Single port Punch Down block as well as Lightning Arrestors. Further adaptations can be made on request to suit customer fixing requirements.

### Finish:

- Smooth light grey polyester powder paint inside and out over phosphated surfaces.
- Company Logos can be screen printed if requested.

### Included Components:

- Qty 4 Antenna arms.
- Qty 4 Fixing Bracket.
- Qty 8 M5 x 10 countersink screws.
- Qty 8 M4 x 8 Fixing Screws
- Qty 4 IP67 Cable Glands.
- Qty 4 Silicon Seal.
- Steel Back Plate.
- Locking Key.

### Construction:

- 1.4 mm (16 gauge) steel
- Hinged opening facilitates component installation and maintenance.
- Gasket provides oil-tight and dust-tight seal against contaminants.

### Dimensions:

Height 45cm. Width 33cm. Depth 10.5cm.

Weight 8.5kg.

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## **TCENC101 Fixing Notes:**

1. The enclosure is provided with four fixing plates which are fitted to the enclosure using the M5 countersink screws provided (8).

**NOTE: All four fixing plates are to be used to mount the enclosure.**

The plates can be secured to uni-strut using the (4) M6 bolts provided. The large M6 washer is to be placed between the fixing plate and the uni-strut. **Wall fixing** use M6 Rawl Bolts (not supplied).

2. Remove knockouts to suit installation requirements.

### **3. Fitting the Data/Antenna Cable ( Diagram 1)**

- a) Remove the Gland nut and silicon seal. Pass cable through the nut and the Gland into enclosure. Make connections inside the enclosure. Fit Silicon seal around cable.
- b) Ensure that rubber seal in the gland is in place then pass Silicon seal into Gland leave 5mm protruding.
- c) Tighten the Gland nut. Silicon seal will grip cable and form a water tight seal.

#### **Diagram 1**

