ARGUS SECURITY

TW-ME-01
WIRELESS EXPANDER

QUICK START GUIDE

TAURUS
By ARGUS SECURITY

THE BOX

Taurus QR code
Manual QR code
Product code
Product name

TAURUS
By ARGUS SECURITY

TW-ME-01
Wireless expander

Available also in black plastic: TW-ME-01/BL

INSIDE THE BOX

- 1 x Expander Module
- 4 x Screws
- 1 x Quick start guide
- 1 x QR code

IMPORTANT TO CONSIDER

⚠️

When mounting a wireless device a comprehensive radio survey should have been carried out to establish the location that provides the best coverage and optimum reach. Taking into consideration the building structure and materials, the survey identifies the wireless infrastructure required and product locations for optimum performance, identifying any factor that could prevent radio integrity.

Avoid fixing or mounting the unit close to the following:
- Equipment that utilises large electrical currents
- Large metal objects or structures
- Fluorescent lighting fittings
- Metal ceiling structures
- IT cabling.

Keep 2 meters minimum spacing between other wireless equipment in the area to avoid signal interference.

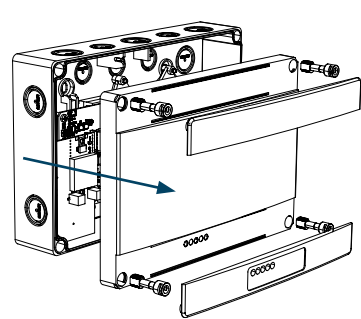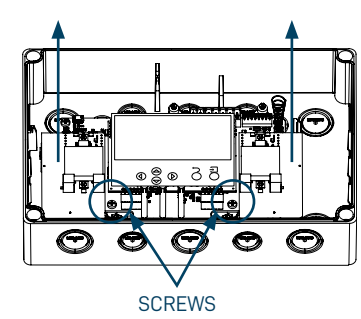EN54 approved environmental temperature range is -10°C to +55°C
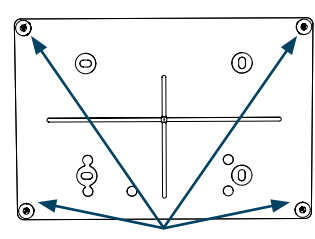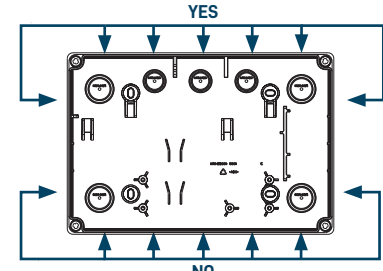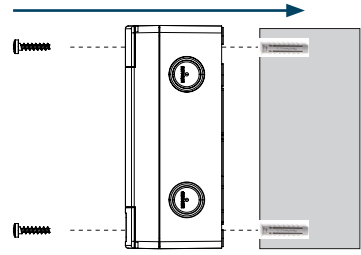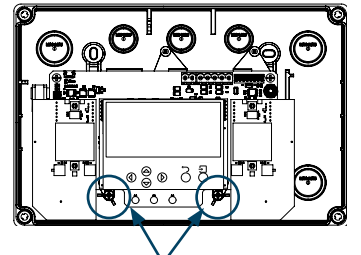
UNBOXING

- The Expander has removable top and bottom front plastics to cover screw housings.
- The Expander is housed in an IP65 rated box with knockouts for IP rated glands.
- 4 plastic screws are provided to secure the lid.

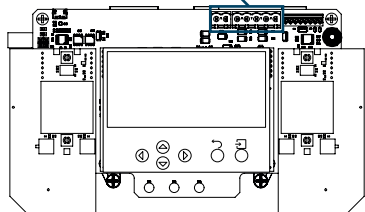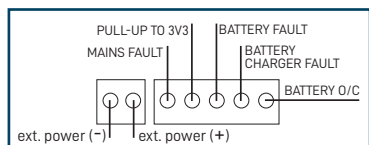*For more information, please refer to the complete product manual.*

MOUNTING STEPS

The Expander Module is IP65 rated, suitable for external mounting. The back box must be installed on the wall as flat as possible to retain IP rating, to prevent distortion of the housing and the ingress of contamination and/or moisture.

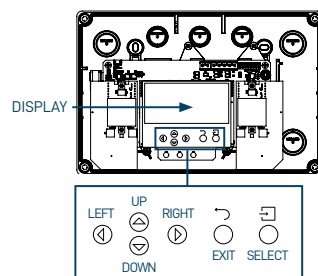Proceed as follows to complete the device installation.

1

Remove top and bottom front plastics that cover screws, unscrew all four screws and remove the lid from the back box.

2

SCREWS

Remove the electronic PCB assembly from the enclosure. The PCB is held by two Philips screws below the display, it then slides up and out.

3

MOUTING HOLES

Using a suitable-sized drill bit (4mm) drill the pre-defined screw mounting points in the 4 corners of the backbox.

4

YES

NO

Prepare apertures (20mm knockouts) required for cable access and fit appropriate rated glands.

5

Screw the back box to the wall using all fixing holes and appropriate-sized roundhead screws (do not use countersunk screws).

6

SCREWS HOLES

Insert cable, tighten glands and refit PCB and securing screws.

7

PULL-UP TO 3V3 | BATTERY FAULT
MAINS FAULT | BATTERY CHARGER FAULT
BATTERY O/C
ext. power (−) | ext. power (+)

• Connect a wired EN54-4 compliant PSU to the appropriate two terminals.
• There are also terminals for Fault Monitoring using a feed.
• You can now apply power to the EN54-4 compliant PSU.

8

DISPLAY

LEFT | UP | RIGHT
DOWN | EXIT | SELECT

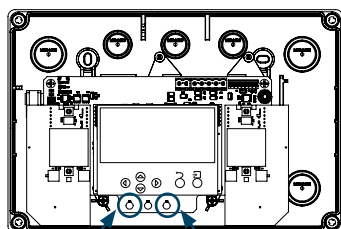To benefit from the remote commissioning mode, ensure you leave the Expander in "discovery" mode.

Factory Default (out of the box):
• Power up the device
• After 60s the device will automatically enter discovery mode using channel A. (To change discovery channel's please use the up/down buttons and follow the on-screen instructions)

If the Expander is not in factory default and contains existing configuration data, you must manually set the discovery channel's using the keypad to navigate through the display:
• Press "select".
• Insert level 1 password (default 0001), using the arrow buttons and press "select".
• Select "Expander Config" using the arrow buttons and press "select" button
• Select "Set Discovery Mode" using the arrow buttons and press "select" button.
• Insert level 2 password (default 0002) using the arrow buttons and confirm with "select" button.
• Select discovery channel A,B or C (depending on survey results) using the arrow buttons and confirm with "select" button.
• Press "select" button to start "discovery" mode as shown on the screen
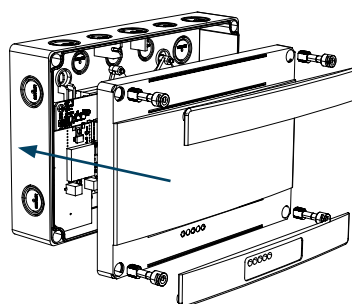• Press "select" button again to confirm change.

9

GREEN LED   YELLOW LED

Ensure the LED indicates that the discovery mode is enabled, alternating green and yellow colors.

10

• Screw the lid to the back box using the supplied plastic screws and refit top and bottom front plastics that cover screw housings.

• Put the QR code available in the box either on the system map or on the dedicated pages at the end of expander manual.