

## DATASHEET

# CONVENTIONAL EXPANDER MODULE WITH DISPLAY

### TW-MECD-01

The TW-MECD-01 Taurus Conventional Expander Module with display has been designed to allow the integration of wireless detection and alarm type field devices onto almost any type of system. Regardless of whether the system is intelligent or conventional the unit can be simply connected to a conventional zone and sounder circuit, directly or via loop modules. The device includes a display compliant with UNI 9795, to visualise alarms and faults. The wireless field devices connect to the system as non-addressable devices, but still utilise the same technology as Taurus intelligent wireless devices. They are fully monitored for alarm and fault, ensuring the highest levels of life safety and reliability are maintained.



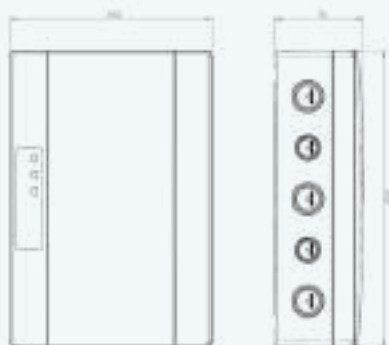
## KEY FEATURES

- Bi-directional wireless communication
- External PSU powered
- Internal antennae design protects from environmental conditions, vandalism, accidental damage or misuse
- Low current consumption
- Devices are fully monitored for alarm and fault
- Compatible with up to 15 expander modules (8 hops)
- Compatible with wide range of conventional and addressable systems
- Site programmable via internal keypad, or via wireless or wired PC connection
- 8 pairs of network channels
- Dual channel redundancy
- Long communication range ( $\cong 1$  km in open air)
- Easy scan & link programming option
- 3rd party approval to EN54-18 and EN54-25
- 5 year product warranty

## TECHNICAL SPECIFICATION

|                               |                   |
|-------------------------------|-------------------|
| Operating frequency range     | 68 – 870 MHz      |
| Power supply range            | 9Vdc – 30Vdc      |
| Typical current consumption   | 40mA (@12Vdc)     |
| Max radiated power            | 14dBm (25mW)      |
| Max no. of devices            | 32                |
| Operating Temperature         | -10°C to +55°C    |
| Max humidity (non condensing) | 90% RH            |
| IP rating                     | 65                |
| Weight                        | 700 g             |
| Dimensions                    | 235 x 160 x 70 mm |

## TECHNICAL INFORMATION



## STANDARDS & APPROVALS

- EN54-18: Input/Output Devices
- EN54-25: Components using radio links and system requirements
- Compliant with UNI9795 specifications, paragraph 5.4.11.4



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