



TPZ-NET REPEATER

with reliable, self-heating, mesh networking

- Modern, slimline, discreet design
- Self-healing, mesh networking
- Create long distance, reliable networks
- Quick and simple to install and commission
- Polygiene® anti-microbial product protection

TPZ-NET

Featuring a sleek, modern and slimline design, the TP-TPZR repeater is designed to provide discrete repeating of TPZ-Net network messages.

Providing self-heating, mesh networking, the TP-TPZR allows for TPZ-Net networks to be easily extended across a building to create extremely reliable and long-distance communications across the network.

Housed in the latest Gen 3 enclosure from Titan Products the TP-TPZR is quick and simple to install due to its quick release button, tamperproof features and pluggable terminals.

The slimline design allows the TP-TPZR to seamlessly integrate into its surrounds for a discrete appearance.

All Gen 3 TPZ-Net products, including the TP-TPZR, incorporate certified Polygiene® product protection, designed to pro-actively inhibit the growth of bacteria on the enclosure surface.

Commissioning is completed quickly via the Titan TPZ-Net commissioning software minimising site time.

SPECIFICATION

Material:	ABS (Flame retardant)
Supply:	24VAC/DC +/-10%
Power Consumption:	40mA
Communication Frequency:	2.4GHz
Communication Range:	30-60m (dependant on building type)
Transmission Power:	8dBm (EIRP 10mW)
Mounting Location:	Wall mounted
IP Protection:	IP30
Environmental Conditions:	-10 to +60°C 0-95% RH Non-Condensing
Connections:	Pluggable screw terminals for 0.3 to 1.5mm cable
Country of Origin:	UK
Product Codes:	TP-TPZR

Note: It is strongly recommended a site survey is carried out prior to installing a TPZ-Net system.

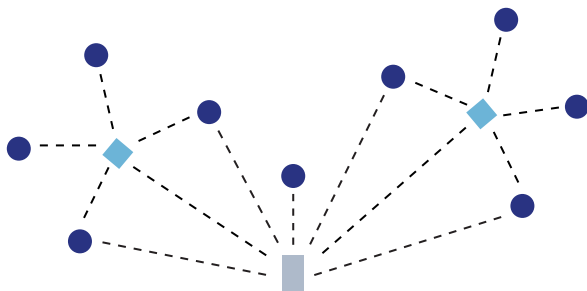


THE SYSTEM

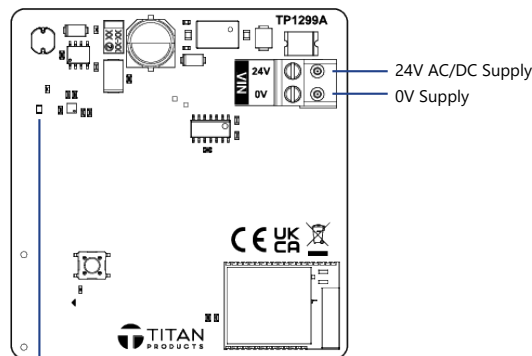
- TPZ-Net Environmental Sensors**
 The wireless sensors transmit accurate and reliable environmental data to the network.

- TPZ-Net Repeaters**
 Discreet and low-cost repeaters cater for mesh networking allowing for long distance, self-healing, mesh networks around the building.

- TPZ-Net Co-ordinator**
 On-site BMS integration of wireless sensor data.

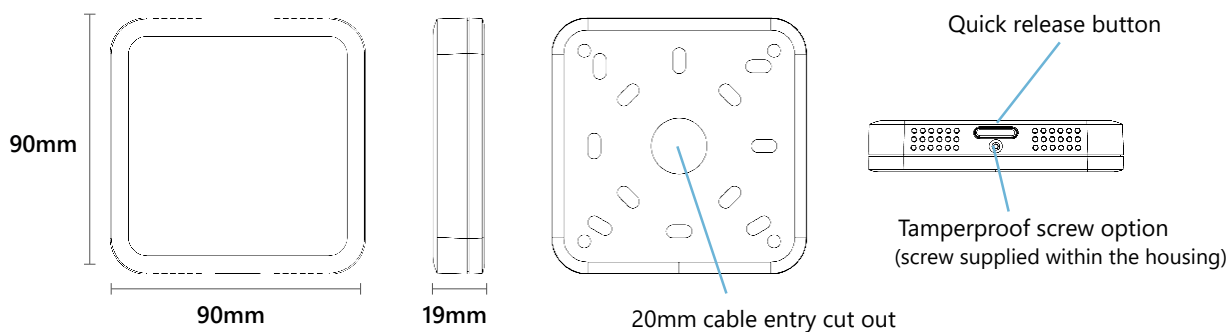


CONNECTIONS

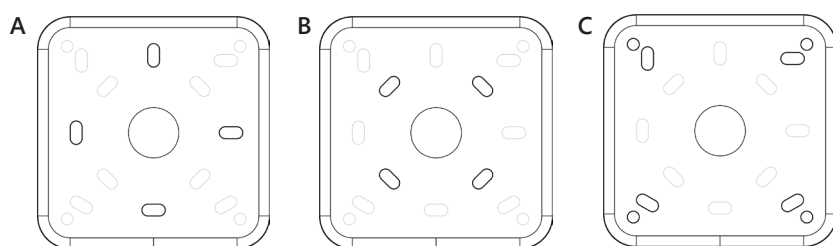


Green Status LED	
Commissioning mode:	LED flashes three times and then OFF for 15 seconds
Normal mode: (repeater is commissioned on a network)	LED is ON
Fault mode: (repeater losing communication with coordinator)	LED is ON for 5 seconds and OFF for 15 seconds

DIMENSIONS



Mounting Options



Option:	Mounting type:	Screw required:
A	Standard UK back box	M3.5 countersunk screw
B	Standard European back box	M3.5 countersunk screw
C	Direct to wall (no back box)	No. 6 (3.5mm counter-sunk wood screw)

INSTALLATION AND MAINTENANCE

- The repeater must be installed by a competent and suitably qualified person and maintained within its stated operating environment.
- The repeater should be mounted in a suitable position, best placed to receive and repeat wireless sensor transmissions.
- Cables should be segregated from any mains carrying conductors and electrical noise emitting equipment such as fluorescent lighting.
- Ensure correct screw sizes are used.
- Do not spray any liquid or cleaning products directly onto the ventilated housing.
- Do not obstruct air flow vents.

For further install and setup information please contact technical@titanproducts.com