

## TPZ/CO-ORD/BMS

TPZ-Net Co-Ordinator



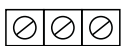
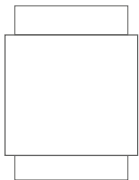
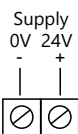
The TPZ-Net Co-ordinator is designed to collect data transmitted from Titan Products TPZ-Net Zigbee wireless sensors.

The information that is gathered by the TPZ-Net Co-ordinator is then transferred to a building management system via BACnet or Modbus communications. The communications type is selected during the commissioning set up.

Housed in an IP20 rated DIN rail enclosure each Co-ordinator can handle information from up to 99 sensor points from a maximum of 30 wireless devices.

The TPZ-Net wireless network can be set up using Titan Products bespoke PC software.

### CONNECTIONS



Com +VE -VE  
RS485 BACnet or  
Modbus communications

### COMMISSIONING

All sensors are linked to a network co-ordinator via our own bespoke PC commissioning software which is simple and intuitive to use.

## SPECIFICATION

Power Supply	24V AC/DC
Power Consumption	60mA
Network Technology	Zigbee
Frequency	2.4GHz
Output	BACnet MS/TP or Modbus RTU (RS485)
Transmission Range	30-60m indoor (depending on building type) 200m outdoor (line of sight)
Mounting	DIN rail
Dimensions (mm)	90 x 55 x 58
Country of Origin	UK
Product Codes	TPZ-COORD/BMS

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



### TPZ-NET RANGE

- Room Sensors: Temperature, Humidity & CO2
- Co-ordinator
- Repeater
- PC Commissioning Tool
- Site Survey Kit

### THE SYSTEM

#### ● Sleepy End Devices (SEDs)

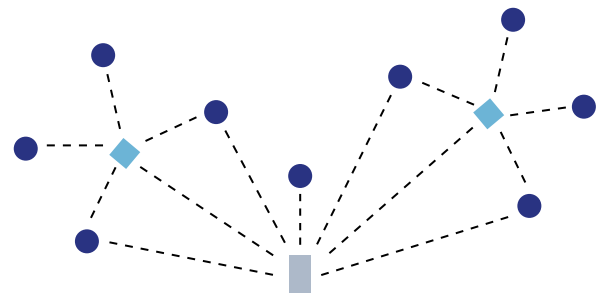
Transmit their sensor data points periodically.  
SEDs can not route messages from other SEDs.

#### ■ Repeaters

Required for mesh networking.  
Permanently powered, they forward messages from SEDs.

#### ■ Co-ordinator

Collect information from SEDs and Repeaters,  
transferring data to a BMS via BACnet MS/TP  
or Modbus communications.



For install and setup information please contact [technical@titanproducts.com](mailto:technical@titanproducts.com)