TPZ/CO-ORD/BMS

TPZ-Net Co-Ordinator

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 (standard aerial) TPZ-COORD/BMS-EA (extended aerial)

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

UK CA CE

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.

A 300mm aerial extension is available for mounting the aerial outside panel boxes if required.

TPZ-NET RANGE

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

THE SYSTEM

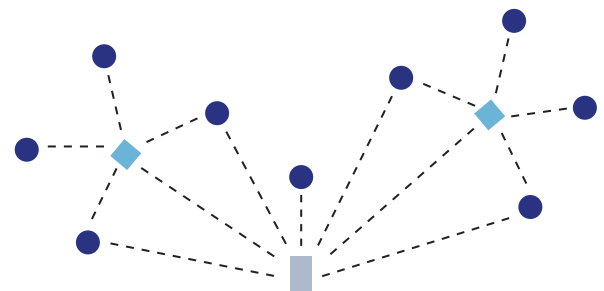**● Sleepy End Devices (SEDs)**

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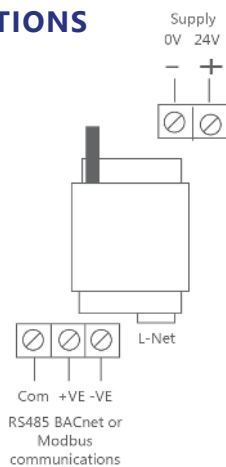SEDs can not route messages from other SEDs.

▪ 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.

CONNECTIONS

Supply
0V 24V
− +

L-Net

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.

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