

DS-TDP210-ST LoRa Geomagnetic Manager



- Wireless data communication in the ISM band.
- Applicable for general industrial control purposes.
- Applicable for digital interconnection purposes.
- General ISM frequency 868 MHZ LoRa.
- Low power operation (with the sleeping cycle).
- Flame-retardant, waterproof, compression case and grade IP66.
- Transmitting data receiving data.
- Support the mains.
- + 17 dBm (maximum) RF transmission power, can fall to receiving sensitivity of - 110 dBm.
- Supports Wirelessly configurate and FOTA (over the air download firmware upgrades).
- Condition monitoring and LED lights.
- ESD protection DTE interface, plus or minus 15 kv (IEC1000).
- Serial DTE interface (RJ45 / RS485) data interconnection ports.

▪ Specification

Geomagnetic Parameters

Detector ID	32 BitID
Receiving Sensitivity	-110 dBm
RF Band	868MHz
RF Interconnection Distance	Detector to receiver: Typical value 80m (depending on RF power and environment)
RF Transmitting Power	+15 dBm
Group ID	0x2FFF
Network Capacity	Max. 60 managers
RF Channel	Up to 32 channels

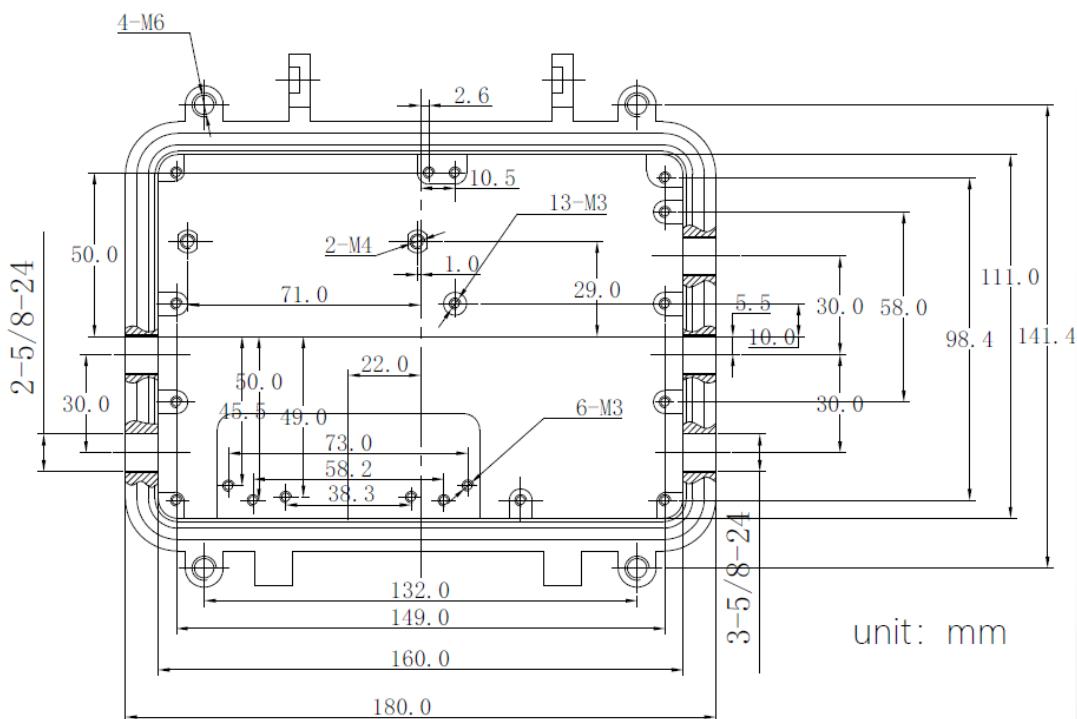
General

Working Temperature and Humidity	-34 °C to +74 °C
Working Voltage	12 V DC/POE power supply
Dimensions	220 × 310 × 110 mm (8.66 × 12.20 × 4.33 inch)
Weight	0.862 kg (1.90 lb.)
Storage Temperature and Humidity	-40 °C to +80 °C, up to 95% (non-condensing)
Material	aluminum

▪ Available Model

DS-TDP210-ST

▪ Dimension



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