

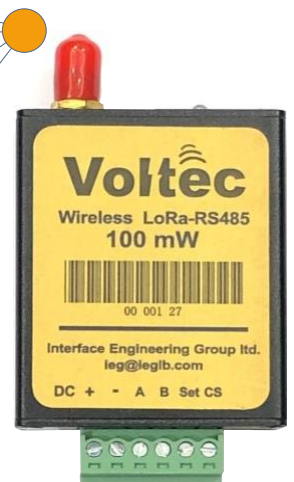


Interface Engineering Group Ltd.

VOLTEC is an advanced IoT module powered by LoRa LPWAN wireless technology.

It is designed for a reliable, scalable & high security mesh networks independent of geographical location.

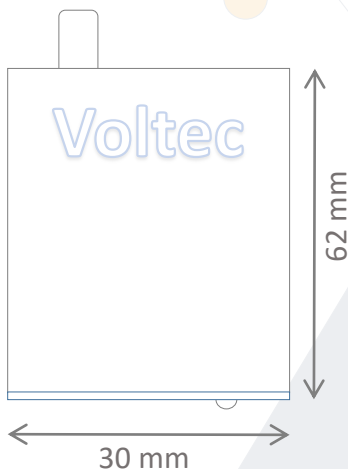
It is an open architecture communication module based on ISM license free frequencies.



Features

- LoRa Star – addressable Mesh network routing, no blind zone, no distance limit, high scalability > 16 million sensors per gateway.
- Center / node / router / node + router configuration
- Long Range 2.5-15 Km (direct P2P)
- LBT (Listen Before Talk) - Selective
- Built-in software watchdog
- Built-in hardware reset protection
- Multiple transmit power configurable options (20mW-1W)
- Diversified serial port parameters with RS485 Modbus
- Addressable modules, 40 channels (configurable)
- Digital Input with push notification
- Operating frequency band: 433 / 868 MHz
- TTL / 232 / 485 level
- Sensitivity up to -139 dBm
- Low energy consumption with deep sleep feature
- ESD protection
- Operating temperature : - 40° to +85° C
- AES 128 data encryption
- Operating voltage 5 V-DC

Dimensions



Topology

