MultiTech Conduit® IP67 Base Station

IP67 Conduit for Outdoor LoRa® Deployments (MTCDTIP Series)

The Conduit® IP67 Base Station is a ruggedized IoT gateway solution, specifically designed for outdoor LoRa® public or private network deployments.

The highly scalable and certified Conduit IP67 gateway is capable of resisting the harshest environmental factors including moisture, dust, wind, rain, snow and extreme heat. The device supports LoRaWAN® applications in virtually any

environment.Leveraging the Conduit, this device can support thousands of LoRaWAN-certified end nodes, including the mDotTM*. This flexible solution provides durable, low-power, low-power, wide area network connectivity in support of M2M and IoT applications for both LoRa service providers and individual enterprises wanting to expand their LoRa network coverage.

Bundled for easy deployment, the solution includes a Conduit with a LoRa mCardTM, IP67 enclosure and LoRa antenna to improve outdoor range. It also provides a choice of cellular 3G, 4G-LTE or Ethernet backhaul options.The LoRa transceiver can be deployed as part of an existing telecommunications tower, individual stand or wall mount.*Represents ideal network configuration and equipment set up.Results vary depending on payload amount, transmission frequency, spreading factor used, as well as terrain, RF interference and obstruction type (e.g., metal, cement, etc.)

mPowerTM Edge Intelligence

mPowerTM Edge Intelligence is a new embedded software offering, building on its popular application enablement platform, to deliver programmability, network flexibility, enhanced security and manageability for scalable Industrial Internet of Things (IIoT) solutions.
For a complete list of software specifications, see the mPower brochure.

DEVELOPER SUPPORT & RESOURCES

- Software Downloads
- Developer documentation and support available at www.multitech.net
- Sensors Powered by MultiTech

KEY BENEFITS

- External high gain antenna increases LoRa connectivity to remote assets
- Greatly expands LoRa network coverage
- High quality, low cost support

FEATURES

- Supports 868 MHz and 915 MHz ISM bands
- LoRaWAN Compliant
- Supports Public and Private LoRa network deployments
- POE (power over Ethernet) for easy deployment and maintenance

- Lightning arrestor and grounding mechanism for protection against storm damage (optional accessory - sold separately)