

IoT Gateway – MQTT

The **IoT Gateway – MQTT** is an industrial communication gateway designed to securely connect field devices and automation systems to cloud platforms. Using the lightweight MQTT protocol, it enables efficient data transfer, real-time monitoring, and remote management across Ethernet and cellular networks.

Key Features

- **MQTT Protocol Support:** Utilizes the lightweight and reliable MQTT protocol for efficient publish/subscribe data communication.
- **Cloud Connectivity:** Seamlessly connects industrial devices to cloud platforms for monitoring, analytics, and remote control.
- **Ethernet / 4G Connectivity:** Supports both wired Ethernet and cellular 4G communication for flexible deployment options.
- **Secure Data Transmission:** Implements secure communication mechanisms to protect data integrity and confidentiality during transmission.
- **Industrial-Grade Design:** Built for continuous operation in harsh industrial environments with high reliability.

Typical Applications

This IoT gateway is ideal for Industrial IoT deployments, remote asset monitoring, predictive maintenance, smart factories, energy management systems, and cloud-based industrial data integration.