

# 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.