

IoT Gateway – SPI

The **IoT Gateway – SPI** is a high-performance industrial gateway designed for low-latency and high-speed data exchange with SPI-based devices. It supports local edge processing to reduce cloud dependency and enables real-time decision-making in advanced Industrial IoT applications.

Key Features

- **High-Speed SPI Interface:** Supports fast SPI communication for direct connection to sensors, microcontrollers, and embedded devices.
- **Edge Processing Capability:** Enables local data filtering, aggregation, and preprocessing before transmitting to higher-level systems or the cloud.
- **Low Latency Operation:** Optimized for minimal communication delay, making it suitable for real-time control and monitoring applications.
- **Industrial-Grade Design:** Built for reliable operation in demanding industrial environments.

Typical Applications

This gateway is ideal for embedded systems integration, industrial sensing, real-time machine monitoring, robotics, and Industrial IoT deployments requiring high-speed, low-latency data acquisition at the edge.