

LoRaWAN Gateways with Embedded Network Server

Empower Your IoT Solutions

Discover the seamless IoT connectivity potential with TEKTELIC's LoRaWAN® gateways. These gateways are designed to integrate effortlessly with your existing infrastructure, including Building Management Systems that support Modbus, BACnet, and MQTT. Featuring embedded LoRaWAN Network Server (LNS) capabilities, they offer lightweight deployment and can be easily managed and maintained by your operational team, ensuring all data from the LoRaWAN network remains on-premise. Enhance your IoT solutions and industrial automation with efficient and flexible connectivity.

Whether you're building a smart city, smart agriculture, or industrial IoT solution, our Embedded Network Server provides the backbone for your LoRaWAN® infrastructure, offering high performance with low power consumption and minimal maintenance.

The KONA Micro, KONA Enterprise, KONA Macro, and KONA Mega gateways deliver localized network server functions, making them ideal for high-value applications in building automation, industrial automation, and smart manufacturing. TEKTELIC provides a reliable, on-premise IoT solution that reduces IT complexity.

Values and Benefits

Integrated Appliance

Swiftly establish your LoRaWAN® gateway along with its network server and connected devices— all from one cohesive unit.

Simplified Configuration

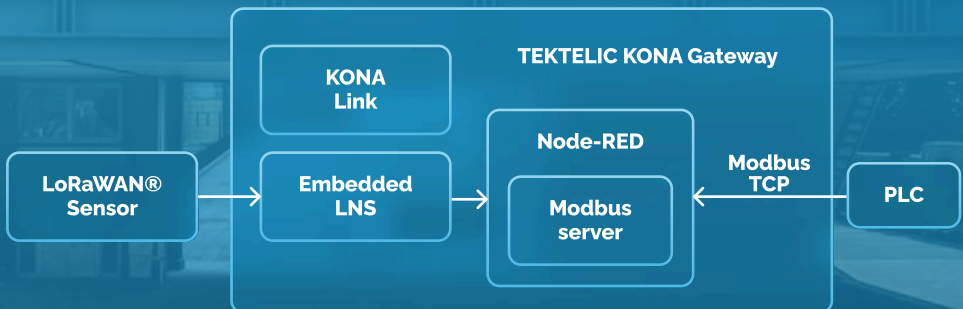
Easily configure your gateway and devices, saving you time and effort.

Enhanced Reliability

Supports a Self-Contained Network Operating Independently of Cloud Connections.

User-Friendly Management

Simplifies device and network management onboard web interfaces.



Key Features



Real-time Data acquisition and Processing



Multi-platform Data Integration support



User friendly Interface



Fully Customizable



Comprehensive Monitoring



Support Multiple Data decoders



Effortless Integration



Ideal for Small Networks

Technical Specifications

- **Network Connectivity:** IPv4
- **LNS Functionality:** Embedded LoRaWAN® Network Server
- **Node-Red Support:** Node JS v18, Node-Red V3
- **Data Integration Platforms:** Modbus TCP server, BACnet/IP server, MQTT client
- **Device Classes Supported:** Class A (tested), Class B & C (TBD)
- **ISM Band Support:** Global ISM bands

Supported Gateways



KONA MICRO Gen 2



KONA Enterprise



KONA Macro



KONA Mega