TEKTELIC’s KONA Mega IoT Gateway provides network operators with a carrier grade product for the deployment of LoRaWAN® Internet of Things networks. The Gateway enables massive scalability in a compact form factor by supporting up to 12 million messages per day.

It is ideal for public and private network operators that require Full Duplex, multiple Rx and Tx Channels, cost effective and reliable LoRaWAN® gateways to maximise their network investment for years to come.

**Key Product Differentiators**

- High availability carrier grade design with support of in-service configuration and software updates.
- Environmentally hardened aluminium enclosure fully tested to withstand extreme temperature conditions.
- Full duplex operation making all receive and transmit channels available simultaneously.
- Excellent isolation between the Tx and Rx bands as well as out of band rejection of Cellular and Paging networks.
- Day-One scalability with support of up to 12 million received messages per day.
- Easy to deploy supporting different backhaul and power options.
- Fully integrated with the broader eco-system of LoRa™ network servers and sensors.

**Key Features**

- Frequency Duplex 72 Rx / 4 Tx
- Dual Antenna Support for Rx Diversity
- Double Simultaneous Tx Channels
- High Linearity LNA/Receiver
- Integrated Bandpass Filter
- Precise Network Synchronization (GPS)
- Integrated GPS Holdover
- 1 Watt (30 dBm) Tx Power
- Geolocalization Support
- Hardened Carrier Grade Enclosure
- Integrated Cellular 3G/4G Modem
- Copper and Optical Ethernet Backhaul
- Rated IP67 Enclosure
- NA 915 ISM Band
TEKTELIC Communications is a premier supplier of best-in-class LoRaWAN® IoT Gateways, Sensors, and custom applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com