



RAK
IoT Made Easy

RAK7249

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RAK Macro Gateway

Gateways can now
forward buffered packets

NOW - LoRa data won't be lost even with a network server outage

RAK7249 is an **Enterprise Grade Macro Outdoor Gateway**. It is an ideal product for IoT commercial deployment. Its modularity and customization options allow for flexibility when deploying a solution. At the same time, the components are enterprise-grade to achieve a high standard of reliability. Furthermore, both the out of the box firmware based on open WRT based firmware platform and open SDK are supported. Thus it is a solution suitable for both fast deployment scenarios where reducing time to market is key and customer-specific use cases where integration with specific hardware is key.



Node 1



Node 2



Gateway with SD Card
Packets saved to SD Card



Connection Restored
Packets now sending including buffered packets



LoRa Network Server



Developer Tested
Enterprise Ready

RAK Macro Enterprise Gateway RAK7249

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Features

- Possibility for customization in regards to both firmware and hardware options
- Full LoRaWAN™ Stack support, with integrated Web UI for configuration and management
- Multiple Radio Support options: LoRa concentrator (onboard plus additional slot), LTE, WiFi, GPS
- Up to 15km of Line of Sight range and 2km in dense urban environment
- Supports Power over Ethernet (PoE), IEEE 802.3af/at-Compliant Class 4, 48V.
- Possibility for over 5 hours of autonomous work with the addition of a battery
- IP67/NEMA-6 industrial grade enclosure with cable glands.
- Mounting Kit for quick and easy deployment (Mounting Kit is optional, but Antennas are included)

Available on

www.Store.RAKwireless.com

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