



QTM-AGP10

Power-over-Ethernet Quantum
RTLS Gateway

ZEROKEY
SPATIAL INTELLIGENCE

QTM-AGP10 is a Power-over-Ethernet device which functions as a wireless communication gateway in Quantum RTLS networks. Flexible power and connectivity options with universal mounting support allows for rapid deployment within a Quantum RTLS system.



High Speed, Low Latency Communications

100mbps Fast Ethernet data connectivity ensures low-latency high throughput of data back-haul from the Quantum RTLS network.



Internal and External Antenna For Operational Flexibility

Use the internal antenna for smaller scale coverage areas, or connect the external antenna for extended coverage up to 300m.



Multiple Power Source Options For Flexible Installation

Use the Power-over-Ethernet or standard wall adapter power port for permanent installations, or connect to a computer or server directly via the auxiliary USB-C port.



Rugged Industrial Design

Impact-resistant design with high grade materials intended for use in demanding industrial environments.

Key Features

- Interoperable with all Quantum RTLS devices
- Internal antenna supports up to 150m broadcast range
- External antenna supports up to 300m broadcast range
- Bluetooth and Wifi Coexistence
- Power-over-Ethernet 802.3at (PoE+)
- Power via PoE or DC wall adapter
- Rapid deployment with universal mount options
- Low-latency communication

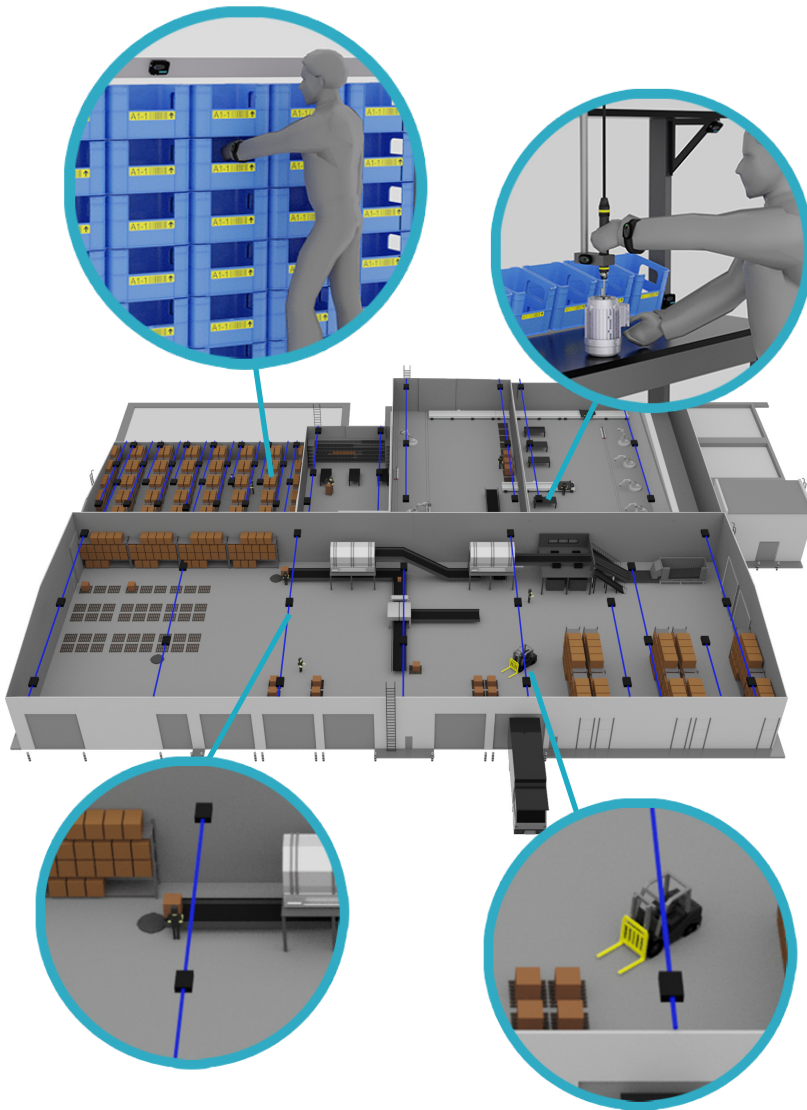




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Flexible Installation, Any Use Case

Flexible installation configurations allows you to cover any use case at any scale; from localized small-scale communication coverage, to wide area communications of an entire facility.



Dimensions (LxWxH)	96.8 x 65 x 24.3 mm
Weight	76 g
Input Voltage	50.0-57.0v DC
Input Current	50 mA max
Quiescent Current	0.25 to 0.50 mA
Wi-Fi Coexistence	Yes
Bluetooth Coexistence	Yes
External antenna port	RP-SMA
Power-over-Ethernet	802.3at type 2 "PoE+"
USB	USB 2.0 (12Mbps)
DC Power Connector	2.10mm ID 5.5mm OD, center positive.
Mounting Options	Universal Mounting Plate, 2 sided tape
Operating Temperature	-20 to 60°C
Operating Humidity	5 to 95% Non-Condensing
RF Modulation	GFSK @ 2 Mbs
RF TX Power	8 dBm max
RF RX Sensitivity	-92 dBm
Certifications	FCC (US) / IC (Can) / CE (EU) / VCCI (JP) / K (KR)

† Pat. US 9/977,113, US 10/051,599, US 10/448,357, US 10/627,479, US 10/736,075, US 10/893,502, CN109073740B, KR102252251B1, US 15/339,885, US 15/982,750, US 16/031,553, US 16/560,543, US 16/820,445, US 16/919,822.

See <https://zerokey.com/patents> for a complete list of patents applicable to this product.

*Information Subject to Change