PRODUCT SHEET

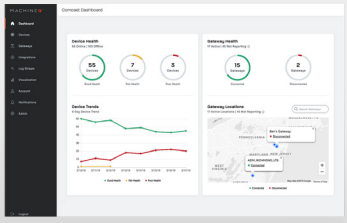
Area 8c

8-CHANNEL LoRa® INDOOR GATEWAY

The Area 8c provides optimal coverage and reliable connectivity for small and large scale, indoor deployments.

Two models available to support your backhaul requirements:

ETHERNET | **LTE CELLULAR/ETHERNET**



MachineQ Enterprise Platform License

Utilize MQcentral and our robust APIs to manage critical over-the-air-updates and check the general health of your deployments.

MACHINEQ™
A COMCAST COMPANY

Easy, Flexible and Cost-Efficient

Built and tested in-house by our LoRaWAN® experts, the MachineQ Area 8c gateway can process millions of transmissions per day and support up to 10,000 devices. The Area 8c offers superior long-range capacity and deep propagation to hard-to-reach places.

Activation is made simple through the MachineQ mobile app. The Area 8c's compact size and multiple backhaul options add flexibility for placement. The unit can be mounted on walls or tables and includes an optional external antenna to optimize range.

Features & Capabilities

- RF optimized and certified for best-in-class propagation reducing hardware expenditure
- Supports up to 10,000 devices ensuring all sensor data is received and processed
- Edge enablement: ability to decode LoRa payloads locally and transmit directly from the Area 8c
- Automated failover logic and payload caching help to reduce loss of data due to outages
- End-to-End Encryption - encryption from sensor to gateway, plus sensor payloads and wireless metadata

Partner With Us

To learn more, contact us at **info@MachineQ.com** or visit **MachineQ.com.**

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8-CHANNEL LoRa® INDOOR GATEWAY

TECHNICAL SPECIFICATIONS

LoRa TX POWER
+27 dBm

POWER
AC/DC 100-240VAC 50/60Hz
to 12VDC/2A

LEDS AND BUTTONS
4 LEDs: Power, Ethernet,
LTE/Wi-Fi, LoRa

ANTENNAS
Wi-Fi: Internal
LoRa®: Internal & External

WHATS IN THE BOX
Gateway, AC Adapter,
RJ45 Ethernet Cable,
External Antenna, Wall
Mounting Hardware

LoRa
US 915 Mhz

LoRa RECEIVE SENSITIVITY
Typical -133 dBm @ SF12, 125KHz

CHANNELS
8

DUPLEX
Half

INSTALLATION LOCATIONS
Indoor only
Operating: 0 ~ 40°C
Storage: -10 ~ 70°C

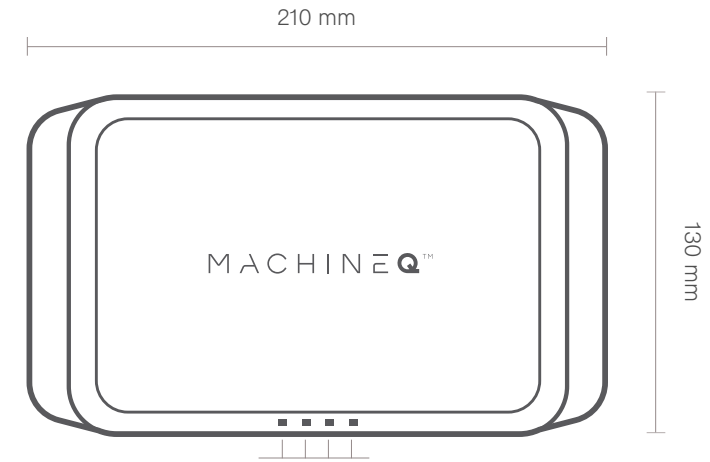
MEMORY
1024Mbit RAM

MODEL NUMBERS
LTE Backhaul: HXQX1AP0S
Wi-Fi Backhaul: HXQX1AM0S

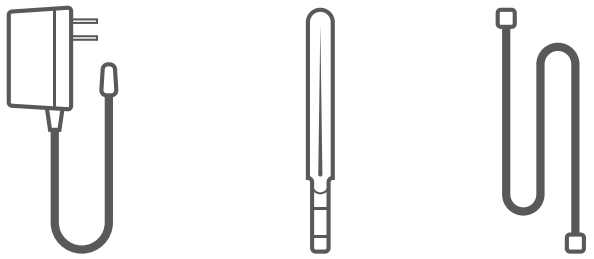
For EU868, AS923 and other international deployments, please contact **info@MachineQ.com** for more details.

HARDWARE SPECIFICATIONS

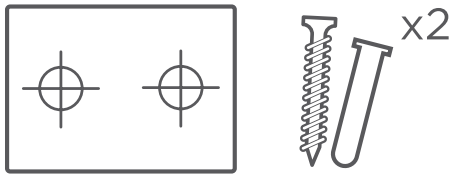
DIMENSIONS
210 mm x 130 mm x 33 mm



LED Indicators



A-C Adapter | Antenna | Ethernet



Wall
Mounting
Hardware

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