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:

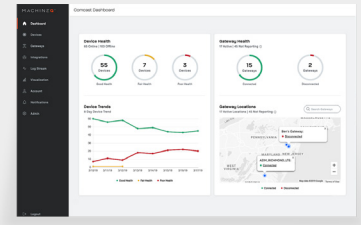
ETHERNET

$150.00

LTE CELLULAR/ETHERNET*

$200.00

* Purchase cell connectivity for $9.95/month for Cellular/Ethernet models.



MachineQ Enterprise Platform License - $49.95/month

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

Easy, Flexible and Cost-Efficient

Built and tested in-house by our LoRaWAN® experts, the Area 8c 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 unit can be mounted on walls or tables and includes an optional external antenna to optimize range.

Features & Benefits

- 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 SPECS

LoRa TX POWER

+27 dBm

POWER

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

LEDS AND BUTTONS

4 LEDs: Power, Ethernet,
Wireless Backhaul, LoRa

ANTENNAS

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

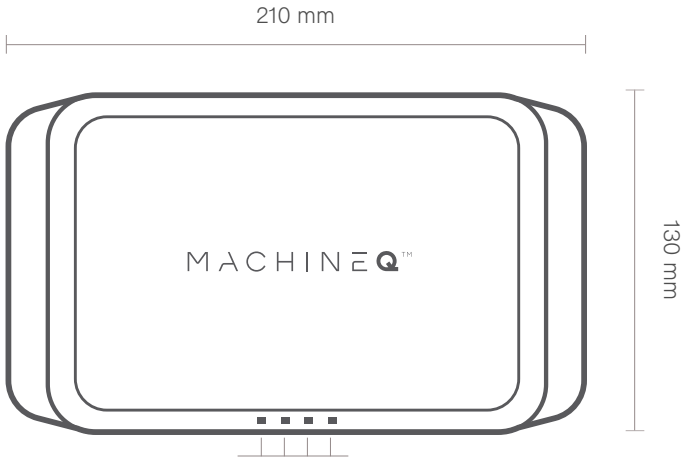
LTE Cellular/Ethernet: HXQX1AP0S
Ethernet Backhaul: HXQX1AM0S

For EU868, AS923 and other International Deployments, please contact **info@machineq.com** for more details.

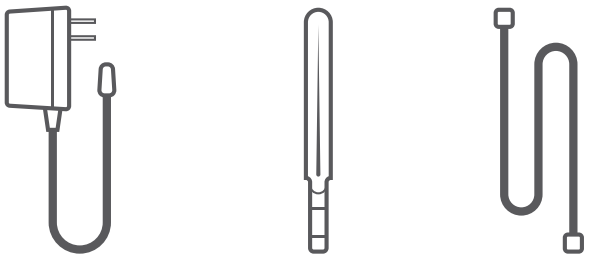
HARDWARE SPECS

DIMENSIONS

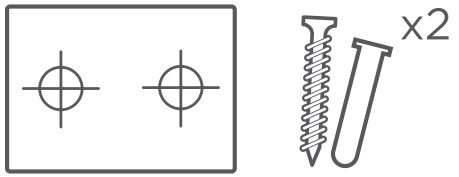
210 mm x 130 mm x 33 mm



LED Indicators



A-C Adapter | Antenna | Ethernet



Wall
Mounting
Hardware

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