

Q UMR-Industrial

Switching

WiFi

Camera Security

Door Access

CloudKeys & Gateways

Power Tech

New I

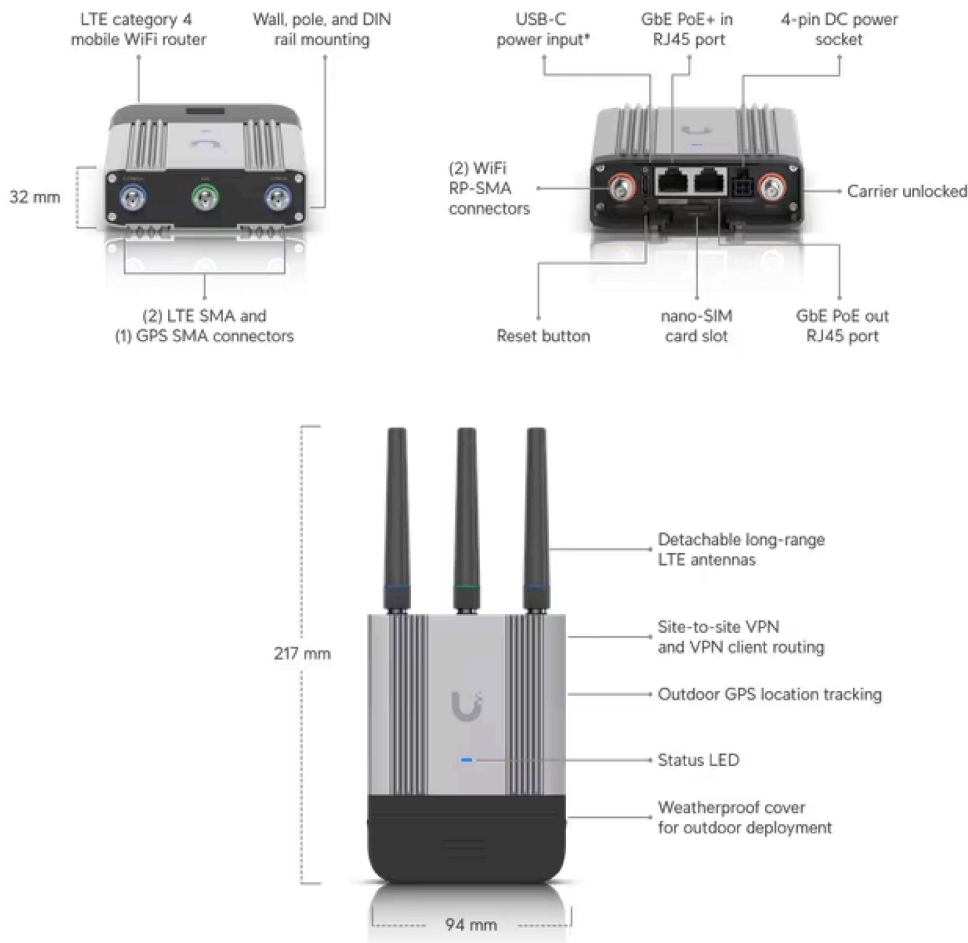
Mobile Routing > [Mobile Router Industrial](#)

Datasheet

In The Box

Marketing Images

Installation Guide



*USB-C, 5V DC, 3A adapter included.

Mechanical

Dimensions

Without antennas and outdoor cover: 114.5 x 93.6 x 32 mm (4.5 x 3.7 x 1.3")

With antennas: 213 x 93.6 x 32 mm (8.3 x 3.7 x 1.3")

With antennas and outdoor cover: 217 x 94 x 32 mm (8.5 x 3.7 x 1.3")

Weight	Device: 360 g (12.7 oz) Device with outdoor cover: 395 g (13.9 oz) DIN rail/wall mounts: 25 g (0.9 oz)
Enclosure material	Polycarbonate, aluminum
Mount material	Wall/pole mount: polycarbonate DIN rail mount: polycarbonate
Pole mount diameter	1-2" on pipe outer diameter
Wind loading	38.8 N at 200 km/h (8.7 lbf at 125 mph)
Weatherproofing	Device with outdoor cover: IP66

Hardware

Management interface	Ethernet WiFi
Networking interface	(2) GbE RJ45 ports LTE Category 4 radio WiFi 4
PoE interface	(1) PoE input (1) PoE output* (Max. 10W) *Requires a PoE+ switch.
Power supply	UniFi PoE switch (48—54V DC) USB Type-C (5V DC) 4-pin* ATX DC power socket (9—30V DC) *Pin 1 for Power + and Pin 2 for Ground -. Please refer to the Installation Guide for detailed power socket pinout.
Max. power consumption	12.5W
SIM	nano-SIM (4FF)
LTE bands	B2, B4, B5, B12, B13, B14, B25, B26, B66, B71
LTE throughput speed*	Download 150 Mbps / Upload 50 Mbps *Speed depends on network coverage and performance at the device location.
WiFi standards	802.11 b/g/n, WiFi 2.4G, 20/40 MHz
Max. WiFi TX power	22 dBm
WiFi MIMO	2 x 2
GPS	Yes
Antenna SMA ports	(1) Mobile 1: SMA female connector, supports 1Tx and 1Rx (1) Mobile 2: SMA female connector, supports 1Rx only

(1) GPS: SMA female connector
(2) WiFi: RP-SMA female connectors
Note: Ensure all SMA / RP-SMA connectors are secured with antennas or the provided caps to maintain weatherproofing.

External antennas
(2) Mobile/LTE antennas with SMA male connectors
(1) GPS antenna with SMA male connector
(2) WiFi antennas with RP-SMA male connectors

LED
Status: blue/white

Button
Factory reset

Mounting
DIN rail/wall/pole mount (Included)

Ambient operating temperature
-40 to 70° C (-40 to 158° F)

Ambient operating humidity
5 to 95% noncondensing

Certifications
FCC, IC, PTCRB, GCF, AT&T, T-Mobile, Verizon, Wi-Fi Alliance®

Supported WiFi Data Rates

802.11b 1, 2, 5.5, 11 Mbps
802.11g 6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n (WiFi 4) 6.5 Mbps to 300 Mbps (MCS0 - MCS7, HT 20/40)

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