

DATASHEET – UMR-Industrial

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 (83 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) <small>*Requires a PoE+ switch.</small>
Power supply	UniFi PoE switch (48—54V DC) USB Type-C (5V DC) 4-pin* ATX DC power socket (9—30V DC) <small>*Pin 1 for Power + and Pin 2 for Ground -. Please refer to the Installation Guide for detailed power socket pinout.</small>
Max. power consumption	12.5W
SIM	nano-SIM (4FF)
LTE bands	B2, B4, B5, B12, B13, B14, B25, B26, B66, B71

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LTE throughput speed*	Download 150 Mbps / Upload 50 Mbps <small>*Speed depends on network coverage and performance at the device location.</small>
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 <small>Note: Ensure all SMA / RP-SMA connectors are secured with antennas or the provided caps to maintain weatherproofing.</small>
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)