

Technical Specifications

Mechanical

Dimensions	Without outdoor cover: 114.5 x 93.6 x 32 mm (4.5 x 3.7 x 1.3") With 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: no 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, 0.625A) USB Type-C (5V DC, 3A) 4-pin* ATX DC power socket (9—30V DC, Max. 12.5W) *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
LTE bands	B1, B3, B7, B8, B20, B28
3G bands	B1, B8
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 connectors are securely connected with the provided antennas, removing antennas from the Mobile and GPS ports may cause weatherproofing to malfunction.
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	CE, GCF, 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)