ComX Computers
Product Specification Sheet

UB-UMR-IND

Ubiquiti UniFi - LTE - Industrial Mobile Router

Product Overview

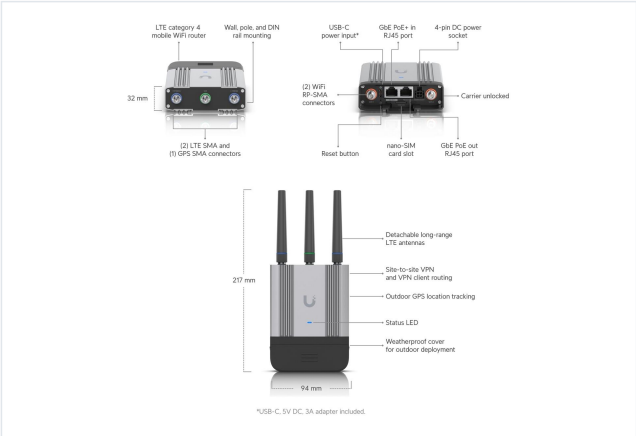
Ubiquiti UniFi - LTE - Industrial Mobile Router, UMR-Industrial, 2x GbE Ports with 1x PoE Output, LTE category 4 Radio, WiFi 4, 1x PoE Input, 1x PoE Output, Nano-SIM (4FF), Download 150 Mbps / Upload 50 Mbps, 1x GPS antenna with SMA Male connector, 2x Mobile/LTE antennas with SMA Male connectors, 2x WiFi antennas with RP-SMA Male connectors











Specifications

Overview Summary:

Enhance your remote connectivity with the Ubiquiti UniFi UMR-Industrial LTE Router, engineered specifically for demanding South African environments. This rugged, weatherproof mobile router delivers reliable high-speed internet via LTE Cat 4, making it perfect for IoT deployments, retail locations, or industrial sites where wired connections are unavailable. With built-in GPS tracking and versatile power options including PoE support, you can deploy this device anywhere with confidence.

Designed for flexibility, the UMR-Industrial supports multiple mounting styles like wall, pole, and DIN rail installation while maintaining an IP66 rating against dust and water. Secure your network operations today by buying now from our store to experience seamless mobile internet solutions tailored for professional use.

Performance tier: High

Uses: Remote monitoring, mobile networks, IoT applications, outdoor connectivity, site-to-site VPN, retail POS systems, transportation tracking

Overview:

The Ubiquiti UniFi Industrial Mobile Router (Part Number UB-UMR-IND) represents a robust solution for demanding IoT and mobile network deployments. Designed to operate reliably in both indoor and outdoor environments, this rugged device combines high-speed LTE connectivity with versatile power options and weather-resistant construction. Whether used for remote monitoring or establishing secure mobile networks, it delivers consistent performance where traditional internet connections are unavailable.

Description:

The Ubiquiti UniFi Industrial Mobile Router (Part Number UB-UMR-IND) is a compact, rugged LTE Cat 4 router built for both indoor and outdoor IoT deployments. It combines high-speed connectivity, versatile power options, and weather-resistant design to support demanding mobile and remote applications.

Features:

Connectivity and Performance
This industrial-grade mobile router delivers fast LTE connectivity with download speeds up to 150 Mbps and upload speeds of 50 Mbps. The device is equipped with an LTE category 4 radio ensuring reliable mobile internet access, along with WiFi 4 support for local wireless network connections. It features dual Gigabit Ethernet ports, including one capable of PoE output to power connected devices like cameras or sensors.

Power and Installation Flexibility
The UMR-Industrial offers multiple power inputs to suit various installation scenarios, including USB Type-C, a 4-pin DC power socket, and standard UniFi PoE switch support. For mounting, the unit supports wall, pole, and DIN rail configurations, making it adaptable for almost any location. The weatherproof design with an included protective cover ensures durability against harsh environmental conditions.

GPS and Antenna Support
Precise location tracking is enabled via a dedicated GPS antenna port with an SMA male connector. The router includes comprehensive antenna support, featuring two mobile LTE antennas and two WiFi antennas, all connecting via secure SMA or RP-SMA connectors to maintain signal integrity.

Security and Management
Secure connectivity is prioritized through site-to-site VPN and VPN client routing capabilities. For enhanced oversight, users can opt for a cloud subscription service that enables centralized monitoring and management of the network from anywhere in the world.

Key Features:

- LTE category 4 radio with download speeds up to 150 Mbps and upload speeds of 50 Mbps
- Dual Gigabit Ethernet ports including one PoE output for powered devices
- WiFi 4 (802.11 b/g/n) support for local wireless access
- PoE input, USB Type-C, and 4-pin DC power options for versatile powering
- Dedicated GPS antenna port with SMA male connector for location tracking
- IP66 weatherproof rating when equipped with the outdoor cover
- Supports wall, pole, and DIN rail mounting for flexible installation
- Site-to-site VPN and optional cloud management for secure operations

Mechanical Specifications
The device is constructed from durable polycarbonate and aluminum materials. Without antennas or the outdoor cover, it measures 114.5 x 93.6 x 32 mm (4.5 x 3.7 x 1.3 inches). When equipped with all antennas and the protective cover, dimensions expand to 217 x 94 x 32 mm (8.5 x 3.7 x 1.3 inches). The unit weighs approximately 360 grams for the device alone, increasing slightly with the outdoor cover or mounting hardware.

The router is designed to withstand wind loading of 38.8 Newtons at speeds up to 200 km/h (125 mph). It operates reliably in temperatures ranging from -40 to 70 degrees Celsius and can handle humidity levels between 5% and 95% without condensation.

Hardware Interface Details
The networking interface includes two GbE RJ45 ports, an LTE Category 4 radio, and WiFi 4 capabilities. Power is supplied via a UniFi PoE switch (48-54V DC), USB Type-C (5V DC), or a 4-pin ATX DC power socket accepting 9-30V DC. The maximum power consumption for the unit is 12.5 Watts.

For SIM connectivity, the device utilizes a nano-SIM (4FF) card slot. It supports a wide range of LTE bands including B2, B4, B5, B12, B13, B14, B25, B26, B66, and B71 to ensure global compatibility. The WiFi interface operates on 802.11 b/g/n standards at 2.4 GHz with 20/40 MHz channels.

Antenna Configuration
The router provides specific ports for external connectivity: one Mobile port (SMA female) supporting 1Tx and 1Rx, a second Mobile port (SMA female) supporting 1Rx only, a GPS port (SMA female), and two WiFi ports (RP-SMA female). It is crucial to ensure all connectors are secured with antennas or the provided caps to maintain weatherproofing integrity.

What's in the box

- Ubiquiti UniFi Industrial Mobile Router
- 2x Mobile/LTE antennas with SMA male connectors
- 1x GPS antenna with SMA male connector
- 2x WiFi antennas with RP-SMA male connectors
- DIN rail/wall mount kit
- Outdoor protective cover

Specifications:

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Specifications	
Product Code	UB-UMR-IND
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)
	*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 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 70degrees C (-40 to 158degrees 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)

FAQ

Can this router be used outdoors?
The Ubiquiti UniFi Industrial Mobile Router (UMR-Industrial) features a weather-resistant design with an included protective cover that provides IP66 rating, making it suitable for both indoor and outdoor IoT deployments.

What mounting options are available for installation?
You can install this router using wall, pole, or DIN rail mounts which are included in the box; the device supports a pipe outer diameter of 1-2 inches for pole mounting.

Does it support power over Ethernet for connected devices?
Yes, the router includes one Gigabit Ethernet port with PoE output capable of delivering up to 10W, but please note that this requires a PoE+ input source or switch to enable passthrough functionality.

What are the maximum internet speeds provided by the LTE radio?
This industrial mobile router utilizes an LTE Category 4 radio with download speeds up to 150 Mbps and upload speeds of 50 Mbps, though actual performance depends on network coverage at your location.

How is the device managed and secured?
You can manage the router via Ethernet or WiFi interfaces using optional cloud-based monitoring through a Mobility Cloud subscription, while site-to-site VPN and client routing ensure secure connectivity for remote applications.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/UB-UMR-IND-Ubiquiti-UniFi-LTE-Industrial-Mobile-Router-p-341557.php

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