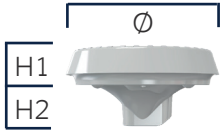


Package content

1 x MiWire RouDem CAT6	2 x Keys (1x Unbraco 4, 1x Torx 10)
1 x Mounting bracket	5 x Screws
1 x PoE adapter	1 x User guide
1 x 10 m ethernet cable	1 x Privacy policy
1 x Back plate	

Specifications MiWire RouDem CAT6

Dimensions and weight



Diameter \varnothing 335mm
Height without bracket (H1): 80mm
Height with bracket (H2): 160mm
Weight without bracket: 1,8 kg.
Weight with bracket: 2,1 kg.
Color: lighth grey

Install on a \varnothing 38 mm/1,5 in pole in horizontal direction.

Environmental conditions

Temperature	Operational: -20°C to 80°C Storage: -40°C to 85°C
Relative Humidity	10%-95% (non-condensing)
Robustness	0.5m/1.64 ft drop on concrete
IP Rating	IP55 (dust and spray proof)

Modem variant for EMEA, Australia, Brazil Services

4G-LTE	CAT 6, 2xCA, 2x2 MIMO, VoLTE
4G-LTE Max. Speed	FDD: Max 300Mbps (DL)/Max 50Mbps (UL) TDD: Max 226Mbps (DL)/Max 28Mbps (UL)
3G-WCDMA Max. Speed	DC-HSDPA: Max 42Mbps (DL) HSUPA: Max 5.76Mbps (UL)
4G-LTE Bands	LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD: B38/B40/B41
3G-WCDMA Bands	B1/B3/B5/B8
Output Power	Class 3 (23dBm \pm 2dB) for LTE
User interfaces	Power button with LED, Multi color LED (direction of antenna), MiWire user interface in English

Antenna

Automatic mechanical pointing	Yes, rotary motor with infinite rotation
Directional	3-10 dBi (800-2700 MHz)
Omni directional	3-4.5 dBi (800-2700 MHz)

Interfaces

LAN interface

Connector type	RJ-45
Data Rate	10/100 Mbps
Max cable length	100m/328ft (min. Cat6 S-FTP, grounded)

Micro SIM-Card slot

3FF slot

WLAN Access Point

Standard	802.11 b/g/n 2.4GHz, 2x2MIMO, Automatic Channel Selection, AP Hotspot
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Frequencies	2400.0-2485.0 MHz
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Max. Coverage outdoor	300m/984ft
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Max. Datarate	300Mbps
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Battery

Battery type	Lithium ion, rechargeable
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Operational time	8 hours
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Min. number of charges	300
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Recharge time	4 hours 30 min
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Charge temperature	11°C to 45°C
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Power

DC input range	Passive POE 22-48V, Max 500mA
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Power consumption	Stand-by/transmit mode: Typ. 4/6W During charging: Max. 19W
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AC/DC power supply

Input	100-240VAC, 47-63Hz, 24W
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Output	48VDC, 500mA
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Connector type	RJ-45
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Other Features

Compass	DNAT Redirect and Virtual Server
Routing	Static/Dynamic
Data Logging	Signal strength, bytes sent and received, error messages, hardware info messages, speedtests
DHCP	Up to 50 users
Firewall	UNIX based firewall with iptables and rule configuration
WiFi access control	MAC Black/Whitelist, Password authentication
Cellular Toolkit	Data Usage, Signal Usage, SIM PIN, Network Scan, Network Discovery, status
Configuration & Management	Web, SSH, serial connection, SCP
System Operation	System information, WiFi, network settings, SIM information, compass, reboot
Diagnostic	Remote diagnostic tools
LED indicators	Power, antenna pointing

Certification

Approvals/Certifications	CE, FCC, RoHS
Standards & Regulation EMC	ETSI EN 301 489-17 V3.1.1 (2017-02), ETSI EN 301 489-1 V2.1.1 (2017-02). Draft ETSI EN 301 489-52 V1.1.0 (2016-11)
RF Exposure	EN 62311:2008
Safety	IEC/EN 62368-1:2014
Radio	ETSI EN 300 328 V2.1.1 (2016-11)