

# MAG-5G 802.11A 54 Mbps 5GHZ LINK



- Outdoor device for 5120 - 5825 MHz band for all-weather use.
- Very easy to install next to an antenna.
- Signal and power carried by ethernet cable from inside the building.
- PoE power supply included.
- Antenna not included.

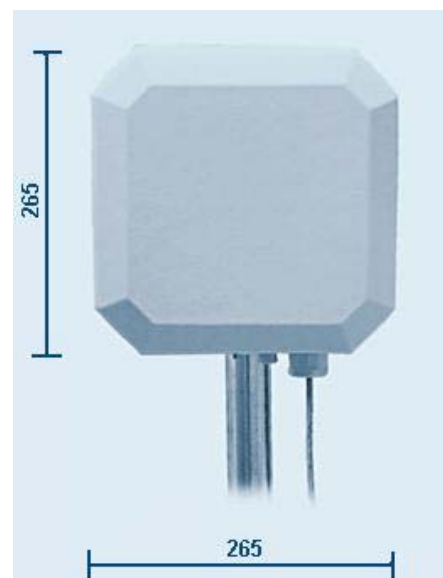
MAG-5G is a wireless device for outdoor mounting next to an external antenna, operating in the 5,2 to 5,8 GHz band. It can be used at access points and at client locations.

Typical uses are to power access point antennas, make backbones between access points, or to connect customers to the network. Signal and power are supplied conveniently through ethernet cable using included Power-Over-Ethernet power supply. Configuring this device is very easy by web browser (Internet Explorer 5.5 or higher) or by telnet. It uses a TCP/IP protocol base. The radio components work in the 5,2 to 5,8 GHz band, and are compatible with the IEEE 802.11a standard.

Supported operating modes are AP, AP Client, or Bridge.

The Outdoor Unit has an SMA reverse polarity connector.

You will need to order "2-meter Pigtail N/M - SMA reverse polarity" to connect the Outdoor Unit to our 5 GHz antennas 5G-24 or 5G-27.



## TECHNICAL SPECIFICATIONS

- **Standard:** IEEE 802.3, 802.11a
- **Ethernet:** LAN 10/100Base-T
- **Chipset:** Atheros
- **Connector:** SMA reverse polarity
- **Frequency range:** 5120 - 5825 MHz
- **Number of channels:** 35
- **Operating modes:** Access point, Wireless client, Bridge, Repeater
- **Power supply:** POE, 802.3af
- **Data transfer:** 6,9,12,18,24,36,48,54 Mbps
- **Modulation:** OFDM
- **Output power:** 18 dBm
- **Reception sensitivity:**
  - 6 Mbps 10<sup>-5</sup> BER @ -88dBm
  - 9 Mbps 10<sup>-5</sup> BER @ -86dBm
  - 12 Mbps 10<sup>-5</sup> BER @ -85dBm
  - 18 Mbps 10<sup>-5</sup> BER @ -83dBm
  - 24 Mbps 10<sup>-5</sup> BER @ -80dBm
  - 36 Mbps 10<sup>-5</sup> BER @ -76dBm
  - 48 Mbps 10<sup>-5</sup> BER @ -71dBm
  - 54 Mbps 10<sup>-5</sup> BER @ -67dBm
- **Protocols:** TCP/IP, IPX/SPX, NetBEUI
- **Support:** DHCP Client, HTTP Server, Roaming in the same sub-network, Default Settings Restore, Backup/Restore Setting
- **Safety**
- 64bit/128bit/152-bit WEP, ACL (MAC address filtering ), WPA
- **Warranty:** 2 years
- **Temperature range:** -20 to +50°C ( operating )
- **Humidity:** max. 95%

