

Item no.: SA-M5-90-14HV\_WM

## WiBOX SA M5-90-14HV - 5 GHz, 14 dBi MIMO 2x2 Sector Antenna, Incl. WiMount

from **57,07 EUR**

Item no.: SA-M5-90-14HV\_WM

shipping weight: 0.87 kg

Manufacturer: Wireless Instruments



### Product Description

WiBOX SA M5-90-14HV - 5 GHz, 14 dBi MIMO 2x2 Sector Antenna WiBOX SA M5-90-14HV is a dual polarity sector antenna (MIMO 2x2) operating at the frequency range of 5.1 – 5.85 GHz with 14 dBi gain in both polarizations. It was designed for creating short and medium range base stations. The antenna is integrated into the top-quality WiBOX Medium box system (the installation space is 25 x 25 x 5 cm).

The box has IP67 waterproof level, there is enough room to install almost any of the most popular radio equipments. WiBOX Medium provides the possibility to integrate the antenna system with other systems, using the additional connector holes located at the bottom of the WiBOX. The waterproof RJ45 connector allows for the use of the PoE standard without the stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast). The collar around the connectors guarantees the connectors won't get wet.

WiBOX Medium is made from durable plastic material, which is resistant to UV radiation and bad weather conditions. The special reinforced WiMount bracket, made from fiberglass ensures the stability even in the case of strong wind. The WiBOX SA M5-90-14HV operates with horizontal polarization and comes with 2x SMA female connectors. Features

- Horizontal & vertical polarization 14 dBi of gain
- Outdoor waterproof WiBOX Extra Large
- Big and convenient WiBOX Extra Large for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - WiMount
- High-quality construction
- 2x SMA female connector
- DC grounded for lightning protection
- WiMount heavy-duty mounting elements
- Designed for all-weather operation

Applications

- 5 GHz band applications
- IEEE 802.11a WLAN systems
- Base station antennas
- Point to Multipoint applications
- Wireless broad band systems
- System integration
- WIMAX
  
- Frequency: 5100 - 5850 MHz
- Gain: 2x 14 dBi
- Polarization: H&V
- Beamwidth Horizontal: 90°
- Beamwidth Vertical: 16°
- Fronto to back: N/A
- VSWR:
- Impedance: 50 ohms
- Connector: RJ45
- Mast Mounting System O: 60 (2,76) mm (inch)
- Waterproof Outdoor BOX: IP 67
- Operating Temperature: -40 °C + 70 °C
- Weight: 2,5 kg
- Dimensions: 270 x 270 x 110 mm (10,63 x 10,63 x 4,33")
- Wind Loading: 70 km/h (43,5 mph)

## Specifications

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prices and availability

