

Item no.: PA-M5-24HV\_WM

## WiBOX PA M5-24HV - 5 GHz, 24 dBi MIMO Antenna

from **104,32 EUR**

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shipping weight: 3.55 kg

Manufacturer: Wireless Instruments



### Product Description

WiBOX PA M5-24HV - 5 GHz, 24 dBi MIMO Antenna WiBOX PA M5-24HV is an innovative PTFE microstrip dual polarity (MIMO 2x2) planar antenna operating at the frequency range of 5.15 - 5.95 GHz with 24 dBi gain in both polarizations. The PCB of the antenna is made from PTFE which is much more efficient and resistant than standard FR4 laminate. It was designed for Point-to-Point connections, bridge connections and Point-to-Multipoint connections and as a client antenna, where antennas with high gain are required. The reduced side-lobe levels make the gain more focused than in standard antennas.

The antenna is integrated into the top-quality WiBOX Large box system (the installation space is 38 x 38 x 5 cm). The box has IP67 waterproof level, there is enough room to install almost any of the most popular radio equipments. The WiBOX Large provides the possibility to integrate the antenna system with other systems, by 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.

The WiBOX Large 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 antenna comes with 2x SMA female connector. [Features](#)

- 2 x 24 dBi directional gain
- Outdoor waterproof WiBOX Large
- Big and convenient WiBOX Large for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - WiMount
- Horizontal & vertical polarization - dual polarity, 2x2 MIMO
- 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 wireless LAN
- IEEE 802.11a WLAN systems
- Point to point applications
- Client antennas
- System integration
- Nstreme protocol
- 802.11a/n - MIMO standard
  
- Frequency: 5150 - 5950 MHz
- Gain: 2x 24 dBi
- Polarization: H&V
- Beamwidth Horizontal: 8°
- Beamwidth Vertical: 8°
- Front to back: >30 dB
- Port to port isolation: >41 dB
- VSWR: < 2
- 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: 3 kg
- Dimensions: 400 x 400 x 110 mm (15,75 x 15,75 x 4,33")
- Wind Loading: 70 km/h (43,5 mph)

## Specifications

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prices and availability

