BASE SECTOR ANTENNA
WiBOX SA M5-90-17HV

WiBOX SA M5-90-17HV is an H&V polarity MIMO 2x2 sector antenna operating at a frequency range of: 5.1 - 5.95 GHz with 17 dBi gain. The antenna is predicted for point-to-multipoint (PMP) connections, can be used for covering medium and big areas as a base station for client stations or as the hotspot in schools, halls, stadiums or another public places. It can work indoor and outdoor (IP 67). It works with the WLAN 802.11n/ac systems. The antenna is integrated with the top quality WiBOX Extra Large box system.

Electrical specification
- Frequency: 5.1 - 5.95 GHz
- Gain: 17 dBi
- VSWR: <2.00
- Beamwidth: 9°/90°
- Polarization: H&V
- Cross-Polar Isolation
- Front-to-Back Separation
- Impedance: 50 Ω
- Max Input Power: 50 W
- Lighting Protection: No
- DC Ground: Yes

Mechanic specification
- Dimensions: 29.2 x 48.6 x 10.6 cm
- Weight: 2.5 kg
- Connector: RJ45 & 2xSMA
- Material: ABS
- Waterproof level: IP67
- Operating temperature: from -40°C to 80°C
- Wind resistance: 70km/h

Mounting Kit
- Dimensions: 9.9 x 10.5 x 14.8 cm
- Weight: 0.87 kg
- Mast Dimensions Range: 25 - 65mm
- Material: Poliamide with fiberglass + galvanized steel U-Bolts

Features
- Gain for the frequency of 5100 - 5950 MHz 2x 17 dBi
- Polarization H&V for the frequency of 5100 - 5950 MHz
- 2 x Connector SMA
- Big, ergonomic and voluminous WiBOX Extra Large enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Extra Large
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

Systems
- WLAN - 5 GHz
- WiMAX - 5 GHz
- RFID - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

Applications
- Stadiums, Public Places
- Hotspot
- PMP Connections
- System Integration

Plots
- Radiation pattern WiBOX SA 5-90-17H Pol H
- Radiation pattern WiBOX SA 5-90-17H Pol V
- Radiation pattern WiBOX SA 5-90-17V Pol H
- Radiation pattern WiBOX SA 5-90-17V Pol V