



## PTP/CLIENT ANTENNA

# WiBOX SA M4-90-17HV

**WiBOX SA M4-90-17HV** is an **H&V** polarity **MIMO 2x2** sector antenna operating at a frequency range of: 4.4 - 5.00 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**. It can work indoor and outdoor (**IP 67**). The antenna is integrated with the top quality **WiBOX Extra Large** box system.

ROHS



### Electrical specification

|                               |             |
|-------------------------------|-------------|
| Frequency                     | 4.4 - 5 GHz |
| Gain                          | 17 dBi      |
| VSWR                          | <2.00       |
| Beamwidth                     | 9°/90°      |
| Polarization                  | H&V         |
| Cross-Polar Isolation         |             |
| Front-to-Back                 |             |
| Separation between Connectors |             |
| 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<br>11.5 x 19.13 x 4.17 inch |
| Weight                | 2.9 kg  |
| Connector             | RJ45 & 1xSMA                                      |
| Material              | ABS   |
| Waterproof level      | IP67  |
| Operating temperature | from -40°C to 80°C<br>from -40°F to 176°F         |
| Wind resistance       | 70km/h  |

### Mounting Kit

|                      |   |
|----------------------|---|
| Dimensions           | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch          |
| Regulation Range     | +/- 30°   |
| Weight               | 0.87 kg   |
| Max Dimensions Range | 25 - 65mm   |
| Material             | Polyamide with fiberglass +<br>galvanized steel U-Bolts |

### Features

- › Gain for the frequency of 4400 - 5000 MHz 1x 17 dBi
- › Polarization H&V for the frequency of 4400 - 5000 MHz
- › 1 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 lightning - DC Ground
- › 36 Warranty Months

### Systems

- › WLAN - 5 GHz
- › WiMAX - 5 GHz

### Applications

- › Stadiums, Public Places
- › Hotspot
- › PtM Connections
- › System Integration