**PTP/CLIENT ANTENNA**

**WiBOX PA D4M6-20HVX**

*WiBOX PA D4M6-20HVX* is H&V&X (slant) polarity MIMO 3x3/4x4 panel antenna, where each radiation stream is on separated polarity. It operates at 5.6 – 6.5 GHz with 20 dBi gain in all polarizations. The antenna is predicted for point-to-multipoint (PMP) and point-to-point (PTP) connections. Due to medium gain, it can be used for medium distance links. It can work indoor and outdoor (IP67) as well. Wide frequency band (5.6 – 6.5 GHz) allows to easily find suitable frequency for the operation. It works with the WLAN 802.11n/ac systems. PA D4M6-20HVX can work with Cisco, Aruba Networks, Huawei, Xirrus, MikroTik, Ubiquiti and others. The antenna is integrated with the top quality *WiBOX Extra Large* box system. The antenna comes with No. 4 RP SMA connectors.

### Electrical specification
- **Frequency**: 5.6 - 6.5 GHz
- **Gain**: 20 dBi
- **VSWR**: < 2.00
- **Beamwidth**: 16°/16°
- **Polarization**: X,H&V
- **Cross-Polar Isolation**: > 30 dB
- **Front-to-Back**: > 30 dB
- **Separation between Connectors**: > 32 dB
- **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 / 11.5 x 19.13 x 4.17 inch
- **Weight**: 2.9 kg
- **Connector**: RJ45 & 4xSMA
- **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 / 3.9 x 4.13 x 5.83 inch
- **Regulation Range**: +/- 30°
- **Weight**: 0.87 kg
- ** Mast Dimensions Range**: 25 - 65mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

### Features
- Gain for the frequency of 5600 - 6500 MHz 4x 20 dBi
- Polarization X,H&V for the frequency of 5600 - 6500 MHz
- 4 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
- RFID - 5725 - 5875 MHz
- ISM - 5725-5875 MHz

### Applications
- PTP connections
- PMP connections
- System Integration

### Compatible with
- Cisco - Aironet 3702e, Aironet 3702p, Aironet 3602e, Aironet 2702e, Aironet 2602e, Aironet 1602e, Aironet 1532e