WiSector SA M5-90-17X ProBOX is an X (slant +/- 45°) polarity MIMO 2x2 sector antenna operating at a frequency range of: 5.0 - 6.0 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. It works with the WLAN 802.11n/ac systems. The antenna has a special installation compartment (“drawer for electronic board”) and the highest quality PoE RJ45 waterproof system which enables to create complete PoE supplied base station.

**Electrical specification**

- **Frequency**: 5 - 6 GHz
- **Gain**: 17 dB
- **VSWR**: <2.00
- **Beamwidth**: 8°/84°
- **Polarization**: X
- **Cross-Polar Isolation**: 25 dB
- **Front-to-Back**: > 24 dB
- **Separation between Connectors**: > 22 dB
- **Impedance**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: No

**Mechanic specification**

- **Dimensions**: 18 x 40 x 9 cm (7.09 x 15.75 x 3.54 inch)
- **Weight**: 2.1 kg
- **Connector**: RJ45 & 2xMMCX
- **Material**: PVC
- **Waterproof level**: IP65
- **Operating temperature**: from -40°C to 70°C
- **Wind resistance**: 160 km/h

**Mounting Kit**

- **Dimensions**: 9.3 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 - 65 mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

**Features**

- Gain for the frequency of 5000 - 6000 MHz 2x17 dBi
- Polarization X for the frequency of 5000 - 6000 MHz
- 2x Connector MMCX
- Big, ergonomic and voluminous WiSector ProBOX enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiSector ProBOX
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- 3G Warranty Months

**Systems**

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

**Applications**

- Stadiums, Public Places
- Hotspot
- PtM Connections

**Plots**

- SA M5-90-17X Port 1, azimuth
- SA M5-90-17X Port 1, elev.
- SA M5-90-17X Port 2, azimuth
- SA M5-90-17X Port 2, elev.