

Item no.: PRO\_SEC\_50016V

## PRO-SEC5016V - 5 GHz, 16 dBi Sector Antenna Box



from **67,75 EUR**

Item no.: PRO\_SEC\_50016V  
shipping weight: 2.00 kg  
Manufacturer: ITELITE

### Product Description

#### IT ELITE PRO-SEC50016V - 5 GHz, 16 dBi Sector Antenna Box

Professional Sector antenna with space for electronics working in the 5 GHz band with 16 dBi gain and vertical polarization. The weatherproof outdoor enclosure offers enough space for RouterBOARDS or any other electronic equipment. The enclosure is equipped with a special RJ-45 waterproof Ethernetconnector for an easy connection to network and PoE.

Specifically designed for operation under severe weather conditions, since proper materials allow operation without the risk of corrosion even in saltwater environments. Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt adjustment, as well as rock-stable operation.

This product is ideal for point-to-multipoint applications for highly professional solutions. Inside the enclosure are suitable posts for MikroTik RouterBOARDS of the 411 and 433 series.

#### Key Features:

- 16 dBi sectorial gain
- Shielded radio compartment
- Special outdoor weatherproof enclosure
- Suitable for MikroTik RouterBOARDS
- Highest International Protection Rating IP 66
- High-quality construction
- Minimized sidelobe levels
- Vertical polarization
- Heavy-duty mounting elements
- Easy elevation and tilt adjustment
- Designed for all-weather operation

#### Applications:

- 5 GHz band Wireless LAN
- IEEE 802.11a WLAN systems
- RLAN
- WiMAX
- Point-to-multipoint applications

#### Electrical Properties

- Frequency: 5.1 - 5.9 GHz
- Gain: 16 dBi
- Polarization: Vertical
- Beamwidth deg horizontal: 90° (-3 dB), 120° (-6 dB)
- Beamwidth deg vertical: 10°
- VSWR:
- Impedance: 50 Ohm
- Front-to-back ratio: >35 dB
- Lightning protection: DC ground

#### Enclosure Properties

- Technology: Microstrip
- Material: UV-resistant
- Color: White
- Ingress Protection (EN 60529): IP 66
- Min. temperature: -40°C / -40°F
- Max. temperature: 80°C / 176°F

#### Mechanical Properties

- Compatible with: RB411 and RB433 series
- Input connector: SMA female. U.FL or MMCX pigtail optional
- Enclosure connector: Waterproof Ethernet connector
- Outside dimensions: 580 x 150 x 60 mm / 22.8 x 5.9 x 2.4"
- Weight: 2.1 kg / 4.7 lbs

#### Specifications

---

**Scan this QR code to  
view the product**  
All details, up-to-date  
prices and availability

