

Item no.: PRO\_SEC\_50017V

## PRO-SEC5017V - 5 GHz, 17 dBi Sector Antenna Box



from **67,58 EUR**

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shipping weight: 1.70 kg

Manufacturer: ITELITE

### Product Description

#### IT ELITE PRO-SEC50017V - 5 GHz, 17 dBi Sector Antenna Box

Professional sector antenna working in the 5 GHz band with 17 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 the 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 models of the MikroTik RouterBOARD 411 and 433 series.

Key Features:

- 17 dBi sectorial gain
- Shielded radio compartment
- Suitable for MikroTik RouterBOARDS
- Special outdoor weatherproof enclosure
- High-quality construction
- 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: 17 dBi
- Polarization: Vertical
- Beamwidth deg horizontal: 90° (-3 dB), 120° (-6 dB)
- Beamwidth deg vertical: 8°
- 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 Rating (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

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