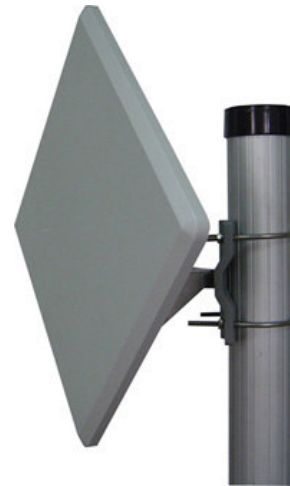


WAN-4231

LevelOne WAN-4231 outdoor panel antenna kit provides a very high 23dBi gain for existing 802.11a wireless long-range directional applications in the full range frequency band between 5.150Ghz to 5.875Ghz. The tight beamwidths and good front to back spec efficiently minimized interference in the microwave link.

This antenna is especially suitable for outdoor point-to-point wireless link applications and point-to-multipoint systems such as LevelOne WAB-7000 and to be used in installations where high performance are key factors. All metal parts DC grounded for noise reduction and lightning protection. The radome is manufactured from a special UV-stabilized plastic to reduce the effects of solar radiation. The enclosed waterproof surface keeps the antenna workable in any rugged environment.

WAN-4231 can also work with other wireless devices, which comply with IEEE802.11a standard and are equipped with an N male connector.



Work Well With



11a/b/g Outdoor PoE Wireless AP

WAB-7000



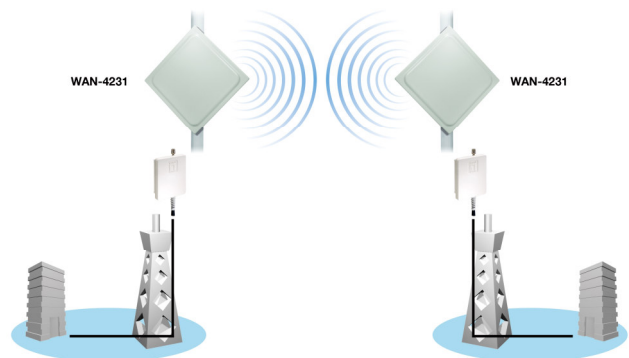
**11a/b/g/g Outdoor Mesh PoE
Wireless AP**

WAB-7400

Key Features

- For IEEE 802.11a applications at the range between 5.150- 5.875GHz frequency band
- Easy to install for vertical or horizontal polarization
- Directional operation provides extended point to point coverage
- Low wind resistance

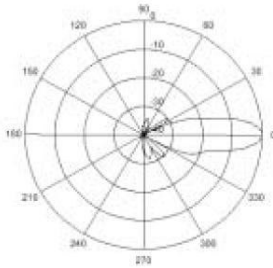
Product Diagram



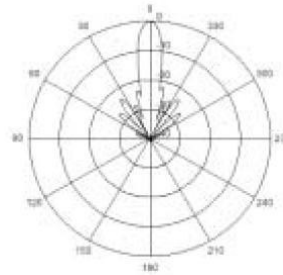
**WAN-4231 works with WAB-7000 for Point-to-Point
wireless bridging applications**

WAN-4231

Technical Specifications



V-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

Electrical Specification

Frequency Band

5.150GHz-5.875GHz

Gain

23dBi

VSWR

1.7:1 Max

Polarization

Linear, Vertical

HPBW/V

10°

HPBW/H

10°

Front to back ratio

40dB

Power Handling

10W

Impedance

50 Ohms

Connector

N female

Environmental & Mechanical Characteristics

Survival wind speed

200km/hr

Temperature

-40°C

Humidity

95% @ 25°C

Lightning Protection

DC ground

Radome Color

Gray

Radome Material

UV-Stabilized Plastic

Weight

0.9kg

Dimension

337 x 337 x25.4mm

Package Contents

- [1] WAN-4231
- [1] wall Mounting

Optional Accessories

- ANC-4230 400 Series N plug to N plug Cable 3m
- ANC-2210 200 Series N plug to N plug Cable 1m
- ANC-2310 200 Series N plug to RPSMA plug Cable 1m
- ANA-6100 6GHz Outdoor Arrestor

Ordering Information

WAN-4231, 11a 23dBi Directional Outdoor Panel Antenna