



11a 23dBi Directional Panel Antenna

WAN-4231



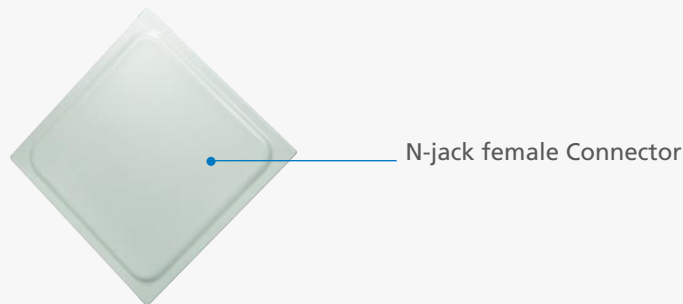
H/W Version: 1

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-stablized plastic to reduce the effects of solar radiation. The enclosed waterproof surface keeps the antenna workable in any rogue environment.

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



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

Works Well With



WAB-7000

11a/b/g Outdoor PoE Wireless Access Point



WAB-7400

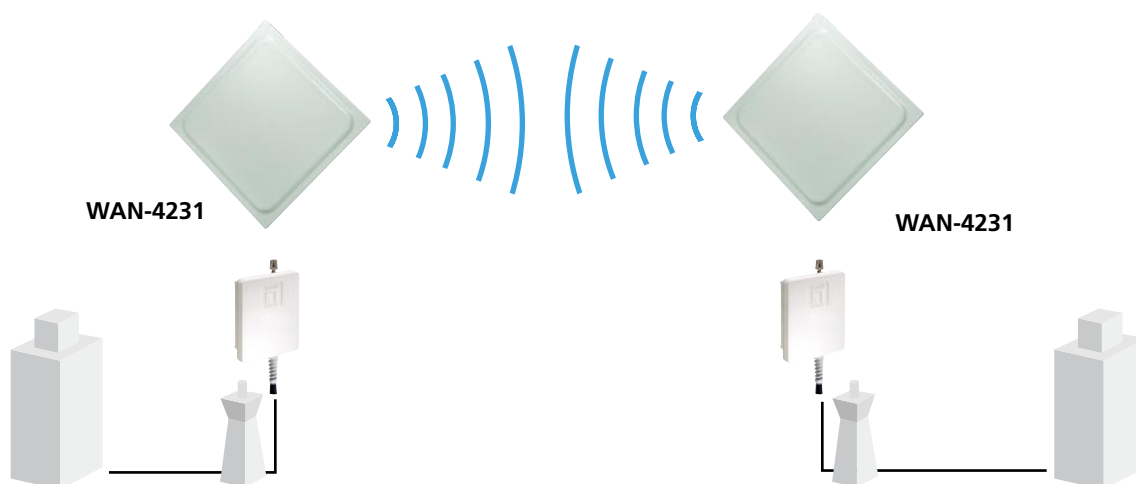
11a/b/g Dual Radio Outdoor Mesh PoE Wireless Access Point

Technical Specification

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

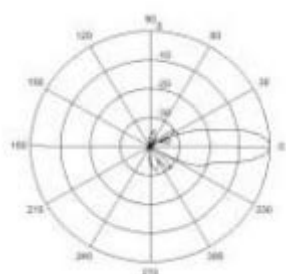
Environmental & Mechanical Characteristics
Survival wind speed 200km/hr
Temperature -40°C
Humidity 95% @ 25°C
Lightning Protection DC ground
Radome Color Gray
Radome Material UV-Stabilized Plastic
Weight 0.9kg
Dimension 337 x 337 x25.4mm

Product Diagram

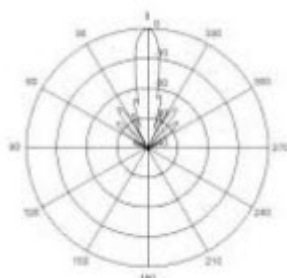


WAN-4231 works with WAB-7000 for Point-to-Point wireless bridging applications

Radiation Pattern



V-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

Order Information

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

Package Contents

WAN-4231, 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



ANA-3100
3GHz Outdoor
Arrestor



ANC-2330
200 Series N plug to
RPSMA plug Cable 3m