



11a 23dBi Directional Panel Antenna

WAN-4231

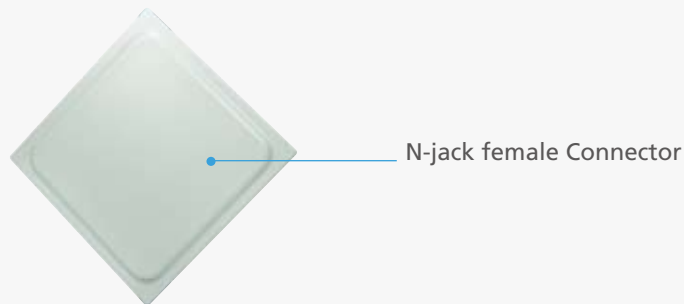
H/W Version: 1

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-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.



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

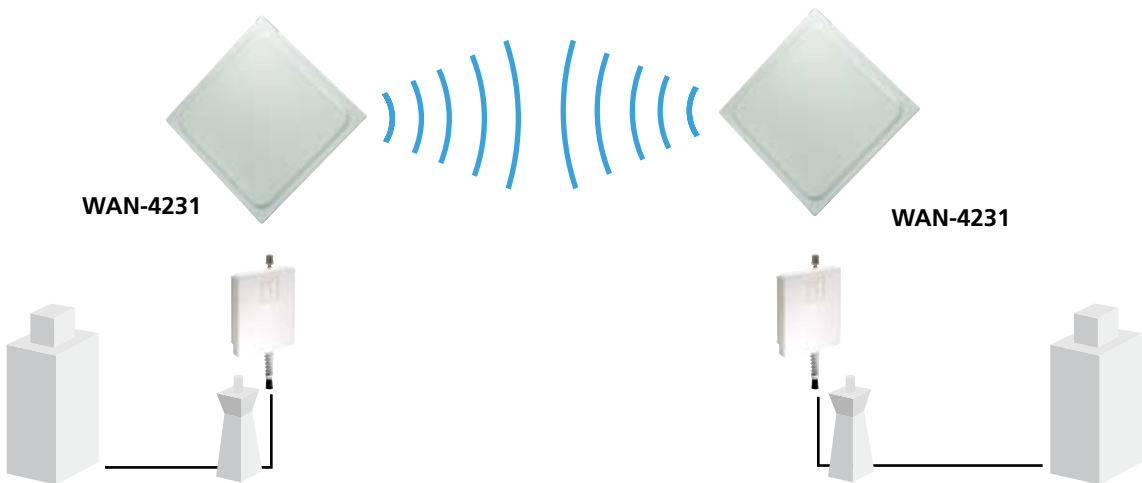
11a/b/g Dual Radio Outdoor Mesh PoE Wireless Access Point

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

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 Arrester



ANA-3100
3GHz Outdoor Arrester



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