



# 14dBi Directional Outdoor Panel Antenna



WAN-2140

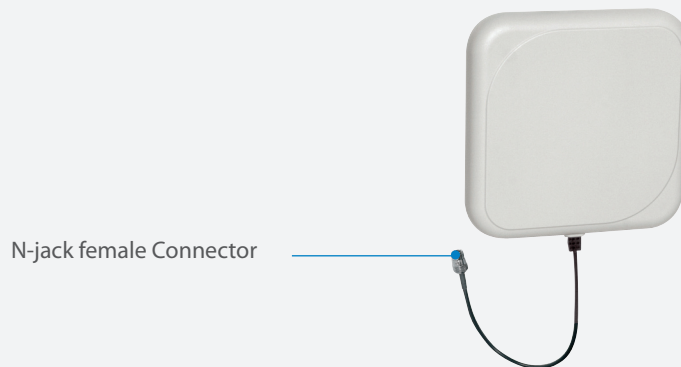
H/W Version: 1

LevelOne WAN-2140 outdoor grid antenna is a high performance directional flat patch WiFi antenna suitable for indoor/outdoor directional applications. This antenna increases wireless signal coverage and improves signal strength/quality for existing 802.11b/g wireless devices in the range between 2.4Ghz to 2.5Ghz frequency bands.

point-to-point wireless bridge applications. The waterproof surface keeps the antenna workable in any rogue environment.

The WAN-2140 has been tested for interoperating with LevelOne's wireless product which comply with IEEE802.11b/g standards and are equipped with an N male connector.

The WAN-2140 is especially designed for outdoor



N-jack female Connector

\*\* Antenna cable and arrestor are not included

## Key Features

- For IEEE 802.11b/g/n applications at the range between 2.4GHz~2.5GHz frequency band
- Easy to install for vertical or horizontal polarization
- Directional operation provides extended point to point coverage
- Integrated N-Type female connector

## Works Well With



**WAB-7000**  
11a/b/g Outdoor PoE Wireless Access Point



**WAB-3002**  
11g Outdoor PoE Wireless Access Point

## Technical Specification

### Electrical Specification

**Frequency Band**

2.4GHz~2.5GHz

**Gain**

14 dBi

**VSWR**

1.92:1Max

**Polarization**

Linear Vertical

**HPBW/H**

30°

**HPBW/E**

33°

**Return Loss**

-10 dB Max

**Admitted Power**

1W

**Impedance**

50 Ohms

**Connector**

N-Type Jack female

### Environmental & Mechanical Characteristic

**Temperature (Operation)**

- 20°C to +60°C

**Temperature (Storage)**

- 10°C to +60°C

**Color**

Gray

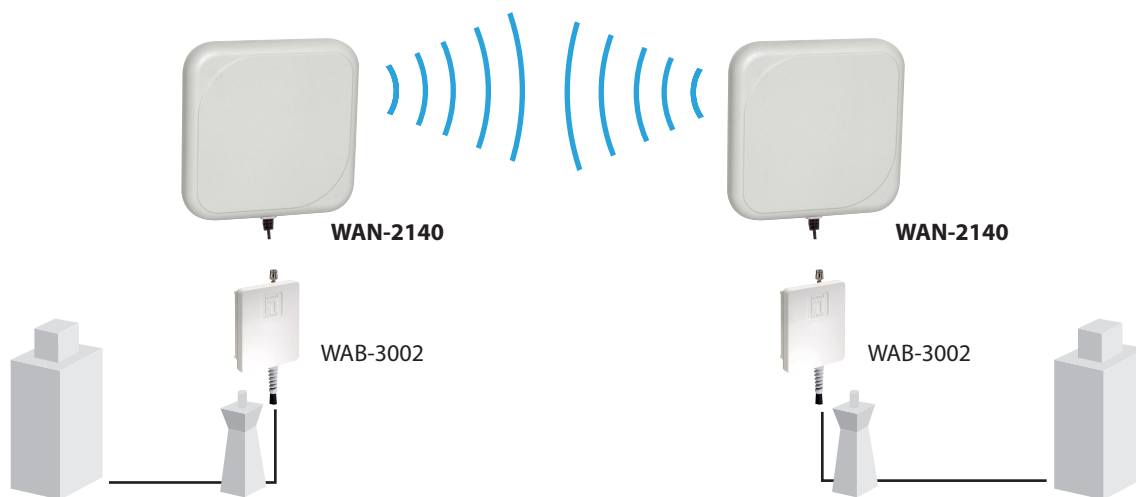
**Antenna Cover**

ABS

**Dimension**

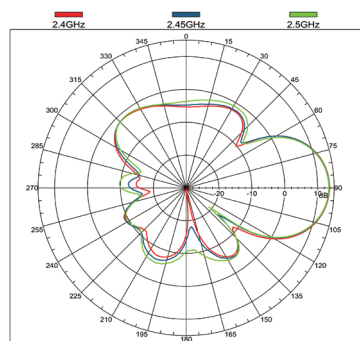
262mm x 240mm x 32 mm

## Product Diagram

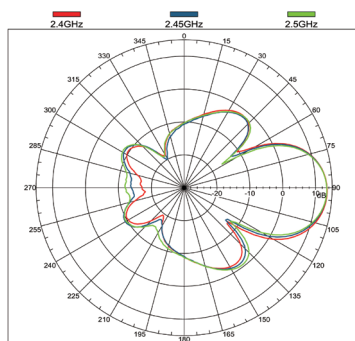


WAN-2140 works with WAB-3002 Point to Point wireless bridging applications

## Radiation Pattern



E-Plane Co-polarization Pattern



H-Plane Co-polarization Pattern

## Order Information

**WAN-2140:** 14dBi Directional Outdoor Panel Antenna

## Package Contents

WAN-2140, Wall & Pole 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

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