



## 14dBi Directional Outdoor Panel Antenna



WAN-2140

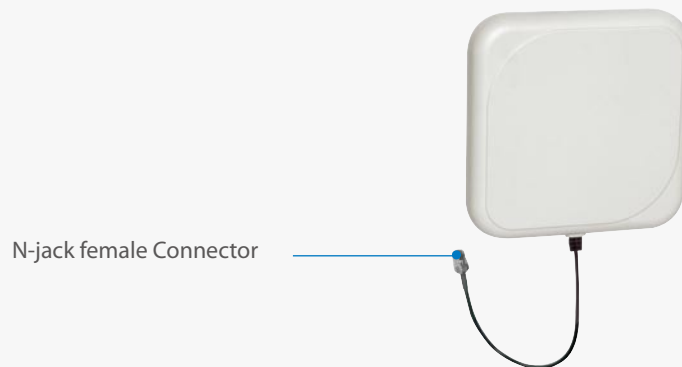
H/W Version: 1

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

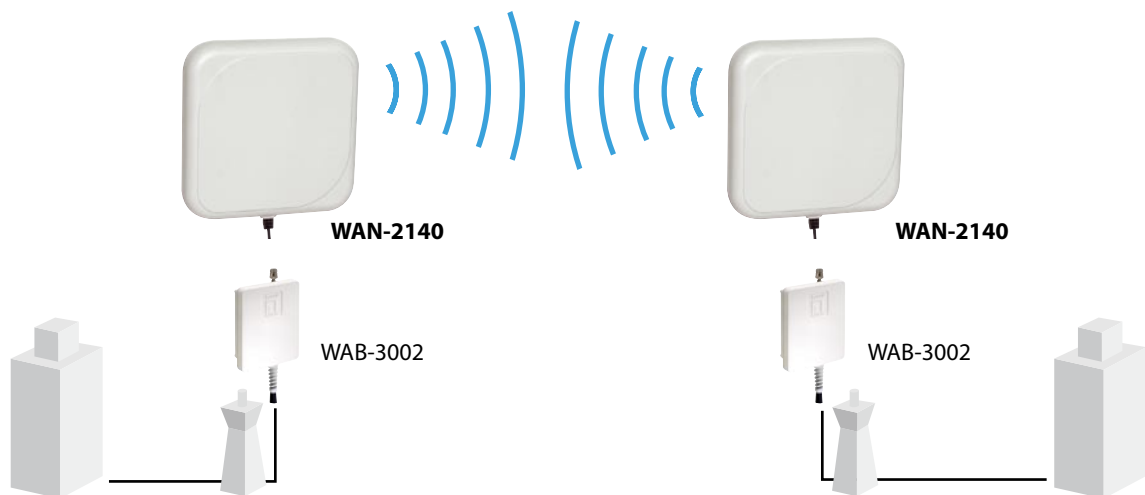
#### Antenna Cover

ABS

#### Dimension

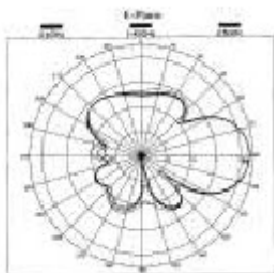
262mm x 240mm x 32 mm

## Product Diagram

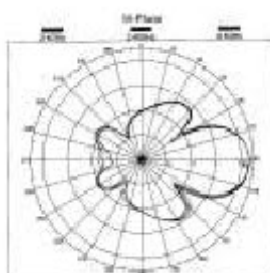


WAN-2140 works with WAB-3002 Point to Point wireless bridging applications

## 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  
Arrestor



**ANA-3100**  
3GHz Outdoor Arrestor



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

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