



WAN-2121 Version: 1

12dBi 2.4GHz Directional Panel Antenna

The LevelOne WAN-2121 is a directional antenna for increased performance and reduced interference, operating on the 2.4 GHz frequency. WAN-2121 can be mounted either indoors or outdoors. The antenna's gain value is 12dBi, and if mounted outdoors the weatherproof housing can withstand temperatures from minus 30°C up to 60°C, as well as rain, snow, dust and other harsh conditions.

Key Features

- Provides 12dBi directional operation
- Directional operation provides extended point to point coverage
- For IEEE 802.11b/g/n Wireless applications in 2.4GHz frequency range
- Low wind loading

Specifications

System Specifications

Connector:

N Female

Impedance (Ohms):

50 Ohms

HPBW / Horizontal:

50.1°

HPBW / Vertical:

39.1°

VSWR:

<=2.0

Polarization:

Vertical

Wireless

Frequency Band:

2.4GHz

Performance

Return Loss:

<=-10



Environment

Temperature (°C):
-30°C ~ +60°C

Humidity (Non-condensing):
95% @ 55°C

Physical Specifications

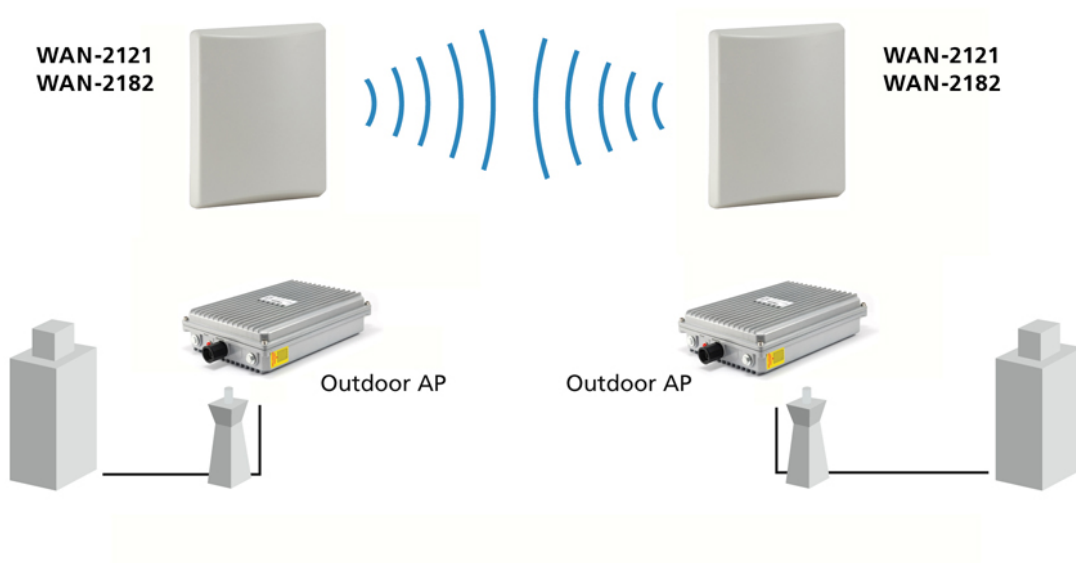
Dimensions (W x D x H mm):
166*140*30mm

Weight (g):
304g

Reliability

Survival Wind Speed:
50m/s

Diagram



Order Information

WAN-2121

Package Contents

WAN-2121
Pole Mount Kit
Quick Installation Guide

Optional Accessory



ANC-4110

1m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



ANC-4130

3m Antenna Cable, N Male Plug to N Female Jack



ANC-4150

5m Antenna Cable, CFD-400, N Male Plug to N Male Plug, Indoor/Outdoor



ANC-4160

6m Antenna Cable, N Male Plug to N Female Jack