



6dBi/ 8dBi @ Dual-Band 2.4/5 GHz Directional Antenna



WAN-1160

H/W Version: 2

LevelOne's WAN-1160 is a dual-band directional antenna which is designed for indoor wireless environments. With WAN-1160, you can improve signal strength/quality and increase signal coverage for the existing 802.11a 5.0GHz or 802.11b/g/n 2.4GHz wireless device in concentrated directions.

This antenna connects many wireless devices using SMA connector or the conversion adapter included in our WAN-1160 package. With the directional desktop panel design and sturdy stand, the antenna can be

easily place in confined spaces to achieve maximum wireless coverage. There is no power-source needed in order to increase the flexibility of installation.

This antenna kit comes with antenna and the 1m ULA-100 extension cable and has been tested for mutually compatible functions with LevelOne's wireless access point, indoor building-to-building bridge and other wireless products equipped with reverse SMA Male Connector and detachable antennas.

SMA plug Connector



Key Features

- Dual-band for 802.11a 5.0GHz and 802.11b/g/n 2.4GHz Wireless applicaitons
- Provides stable signals and extends coverage
- Directional operation
- Easy to located in limited space
- ULA-100 1m cable for wireless device with SMA connector

Related Products



WAN-1060
6dBi Indoor Antenna Kit



WNC-0301
11g Wireless PCI Card

Technical Specification

Frequency

2.4GHz~2.5GHz
4.9GHz~5.875GHz

Gain

6.0 dBi
8.0 dBi

VSWR

2.0:1 Max
2.0:1 Max

Polarization

Linear, Vertical
Linear, Vertical

HPBW / V

65°
60°

Impedance

50 Ohms

Connector

RP-SMA Plug

Cable

ULA 100; 1m

Cable loss

1.3dB
2.0 dB

Temperature

-10°C~+55°C

Humidity

92% @ 25°C

Radome Material

ABS

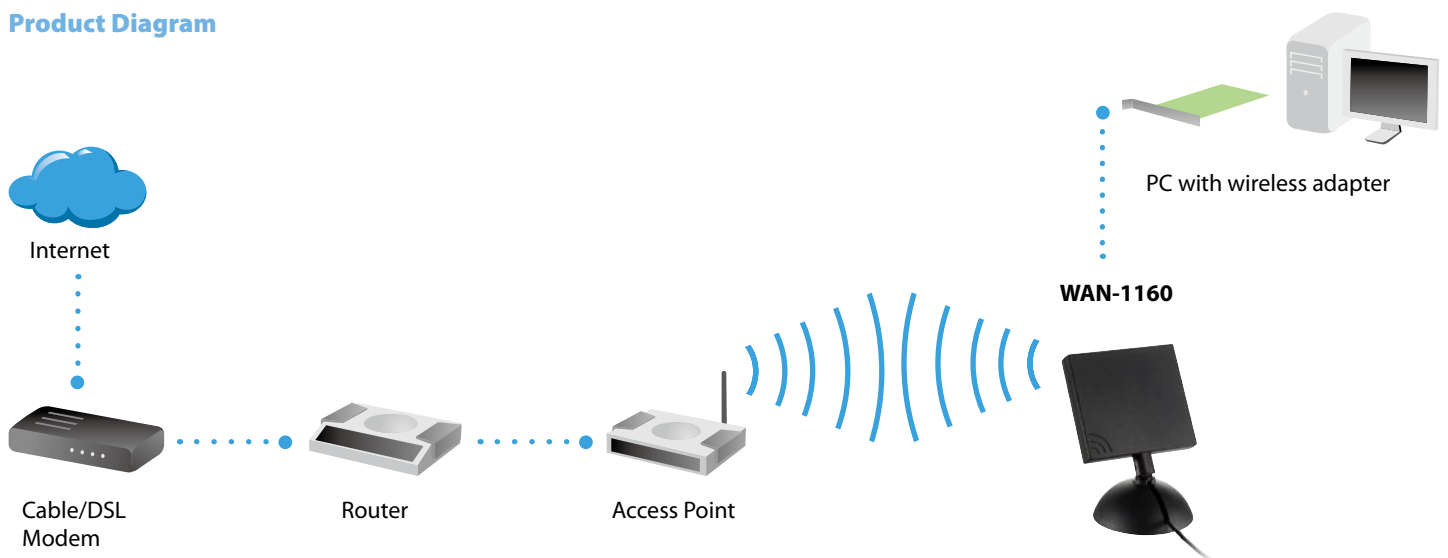
Weight

90 gw

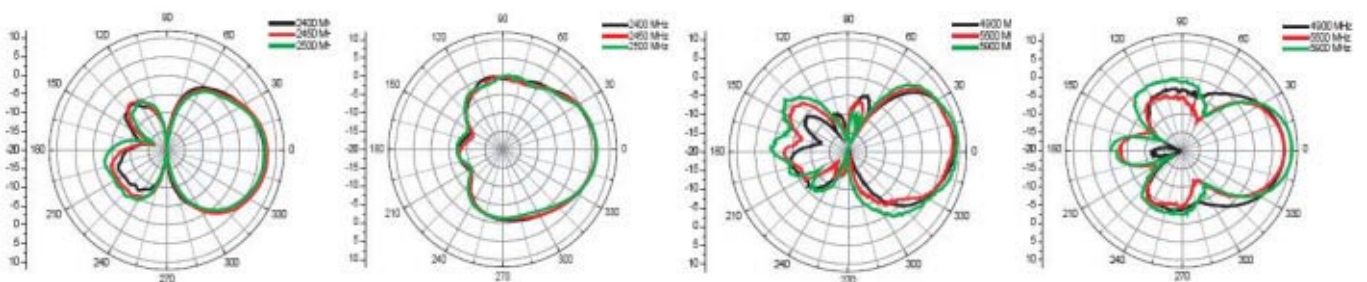
Dimension

100mm x 70mm x 60mm

Product Diagram



Radiation Pattern



V-Plane Co-polarization

H-Plane Co-polarization

V-Plane Co-polarization

H-Plane Co-polarization

Order Information

WAN-1160: 6dBi/ 8dBi @ Dual-Band 2.4/5 GHz Directional Antenna

Package Contents

WAN-1160, Mounting Kit, 1 Meter Cable, QIG