



## 8.5 dBi Indoor/Outdoor Antenna



WAN-2185

H/W Version: 1

### Extend Wireless Indoor and Outdoor Coverage

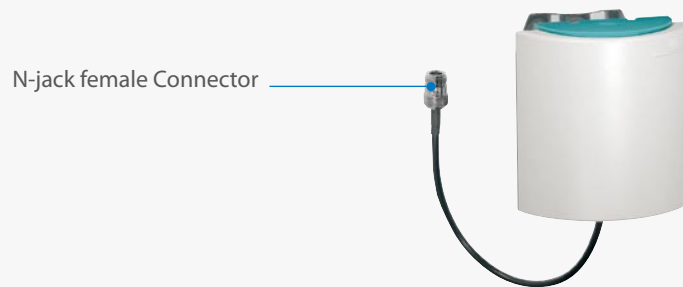
The LevelOne 8.5 dBi antenna is a perfect addition to any Wireless network that needs to deliver a wider range of wireless coverage. This Pico Cell Patch antenna can extend the reach of a Wireless network in both indoor and outdoor environments.

The WAN-2185 operates on 2.4GHz and 2.5GHz frequencies and provides 8.5dBi signal strength, extending the wireless coverage areas of 802.11b/g/n networks.

### Weather-Proof Enclosure

Build for outdoor use, the rugged enclosure of the WAN-2185 is waterproof, UV resistant and provide protection from harsh weather conditions.

Various Wireless Broadband routers and Access Points can utilize the WAN-2185 by simply plugging the N-Jack connection of the WAN-2185's extension cable to the Access Point and router.



\*\* Antenna cable and arrestor are not included

### Key Features

- Extend Wireless Network Indoor and Outdoor
- Compatible with 802.11b/g/n standard Wireless networks
- Waterproof, UV resistant
- Includes extension cord for easy connection to LevelOne Access Points and Routers
- Includes wall-mounting kit for easy quick and installation

### Works Well With



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



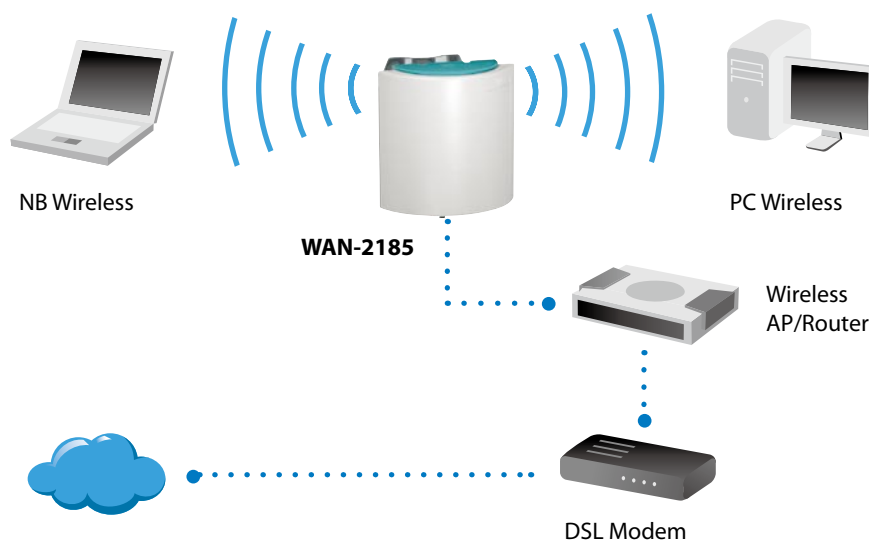
**WAB-3002**  
11g Outdoor PoE Wireless Access Point

## Technical Specification

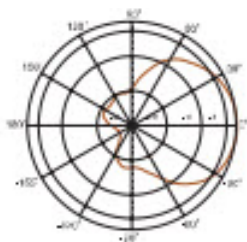
Electrical Specification
<b>Frequency Band</b> 2.4 GHz ~ 2.5GHz
<b>Gain</b> 8.5dBi
<b>VSWR</b> 1.5: 1 Max
<b>Polarization</b> Linear, vertical
<b>HPBW / horizontal</b> 70°
<b>HPBW / vertical</b> 65°
<b>Front-to-back ratio</b> 15 dB
<b>Power handling</b> 10 W (10cw)
<b>Impedance</b> 50Ω
<b>Connector</b> N Jack

Environmental & Mechanical Characteristics
<b>Survival wind speed</b> 216 km/hr
<b>Temperature</b> -40°C ~ +80°C
<b>Humidity</b> 95%@55°C
<b>Radome color</b> Gray-white
<b>Radome material</b> ABS, UV resistant
<b>Housing material</b> AL6063
<b>Weight</b> 300g
<b>Dimension</b> 120 x 120 x 43 mm

## Product Diagram



## Radiation Pattern



H-Plane Co-polarization Pattern



V-Plane Co-polarization Pattern

## Order Information

**WAN-2185:** 8.5 dBi Indoor/Outdoor Antenna

## Package Contents

WAN-2185, MWall & 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

All mentioned brand names are registered trademarks and property of their owners. Technical specifications are subject to change without notice.

© Copyright Digital Data Communications GmbH. All Rights Reserved.