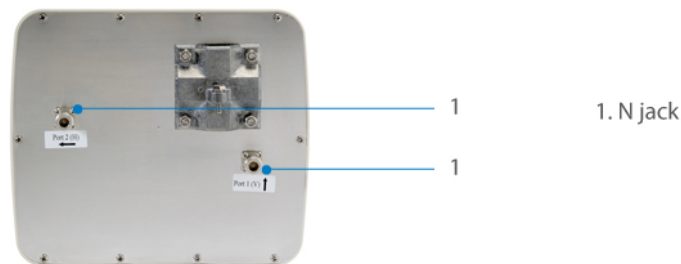




## 18dBi 5GHz Directional Dual-Polarization Outdoor Panel Antenna

The LevelOne WAN-9180 18dBi Directional Dual-Polarization antenna is designed for outdoor wireless connections. With array pattern located at  $+45^\circ$  and  $-45^\circ$  polarization, you can improve signal strength in a crowded area with possible signal interference. It improves signal strength and coverage in 5GHz band, towards a concentrated enhanced direction.

This panel antenna is easy to mount and install on flat areas such as wall or window. Designed for outdoor elevated installation with high sustainability in strong wind.



### Key Features

- Operates in 5GHz band, according to IEEE 802.11a/n specifications
- Antenna diversity at 18dBi high gain performance
- Dual-Polarization to avoid interference
- Easy to install on the wall surface
- Wideband frequency performance enables future growth and increases flexibility

### Specifications

#### System Specifications

Connector:

N Female x 2

Impedance (Ohms):

50 Ohm  $\pm 5$  Ohm



HPBW / Horizontal:

$15^{\circ} \pm 5^{\circ}$

HPBW / Vertical:

$15^{\circ} \pm 5^{\circ}$

VSWR:

$\leq 2.2$

Polarization:

Linear,  $\pm 45$

## Wireless

Frequency Band:

5.15~5.875GHz

## Environment

Operating Temperature (°C):

$-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Operating Humidity (Non-condensing):

95% @  $^{\circ}\text{C}55$

## Physical Specifications

Dimensions (W x D x H mm):

256 x 227x 19mm

Weight (g):

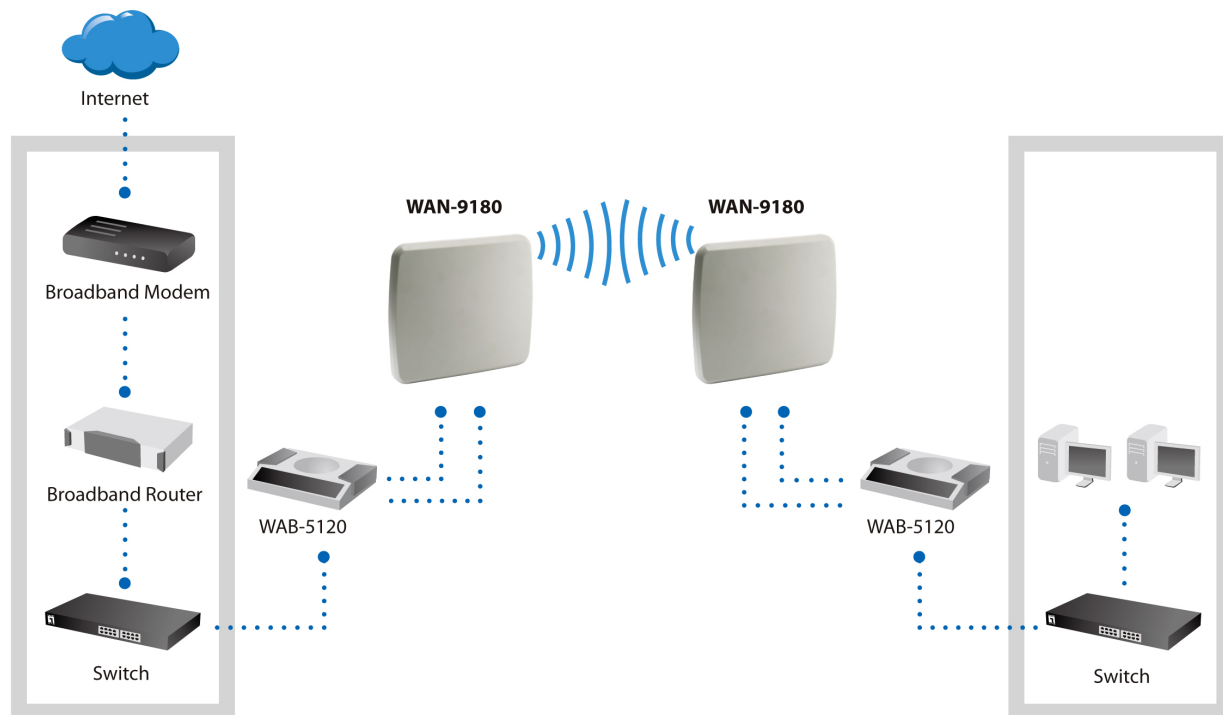
$435\text{g} \pm 20\text{g}$

## Reliability

Survival Wind Speed:

216km/hr

## Diagram



## Order Information

WAN-9180

## Package Contents

WAN-9180  
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