



Vendor Neutral Bridge,  
Long Range Wireless Bridge

# Device Connector IP55



The Device Connector IP55 enables Ethernet devices to access wireless networks with unbreakable reliability.

Using our signal bonding technology, Ethernet devices can connect using the combined bandwidth of 2.4GHz and 5GHz frequency Wi-Fi in a single LAN connection.

The Device Connector is compatible with any access point, so you can just drop it in and go – no network reconfiguration or device upgrades needed.



### Need to Connect to Wi-Fi?



#### Get the Coverage You Need Without Setup. Plug-and-Play.

Easily extend Wi-Fi coverage in minutes with Pepwave's Device Connector IP55. The Device Connector gets your devices talking over a large area without wires or configuration headaches. And because it works transparently at Layer 2, the Device Connector is compatible with any access point.

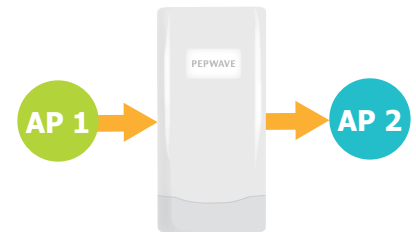
### Need More Reliability?



#### Turn your 2.4GHz and 5GHz Signals Into One Connection.

Normally, Wi-Fi devices will force you to choose between 5GHz or 2.4GHz. With the Device Connector IP55, you can have both. Simply connect your device to the Ethernet port and the device connector will combine 5GHz and 2GHz into a single reliable connection.

### Jumping Between APs?



#### CarFi Fast Roaming. WAN Reliability with Wi-Fi Mobility\*.

CarFi Fast Roaming, let your Device Connector IP55 seamlessly hop from AP to AP in a matter of seconds. Whether you're commanding an emergency situation, coordinating a construction project, or keeping your warehouse stocked, CarFi Fast Roaming keeps everyone communicating at all times.

\* Optional Software Upgrade

## FEATURES

### Network

- Bridge Mode
- Router (NAT) Mode
- Support for PPP, Static IP, DHCP

### Radio

- Multiple SSID
- Transmit Power Adjustment

### AP Security

- Open
- WPA-PSK/RADIUS
- WPA2-PSK/RADIUS

### Client Authentication

- EAP-TTLS/EAP-PEAP/EAP-TLS
- CHAP/MSCHAP/MSCHAPV2/PAP
- EAP Outer Authentication Identity
- RADIUS Server with Certificate Authentication

### Complete VPN Solution

- PepVPN
- Site-to-Site VPN
- 256-bit AES Encryption
- Pre-shared Key Authentication
- Dynamic Routing

### Device Management

- Web Administrative Interface
- InControl Cloud Management
- FusionHub Controller
- SNMP v1, v2c and v3

### Certification

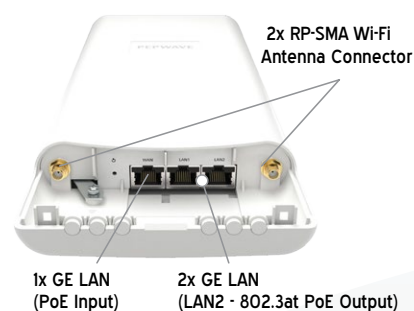
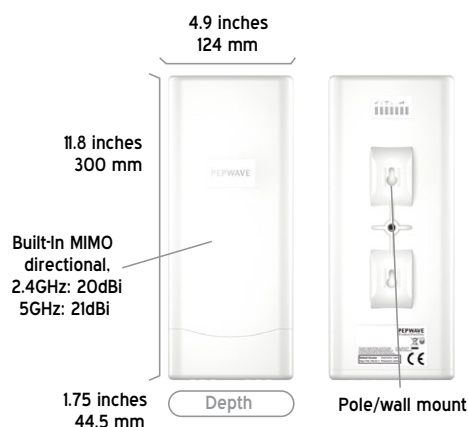
- FCC, CE, RoHS



## SPECIFICATIONS

- **Product Code:** DCS-GN-IP55
- **Wi-Fi Interface:** 802.11ac wave 2/ac/a/b/g/n Wi-Fi WAN and AP
- **Ethernet Ports:** 3x GE
- **Enclosure:** IP55 Outdoor Enclosure
- **Dimensions:** 300 x 124 x 44.5 mm
- **Weight:** 520 grams
- **Power Input:** 802.3at PoE+ (56V Pepwave Passive PoE Input is Needed for full 1x 802.3at PoE+ LAN Output#)
- **Power Consumption:** 22 W (max.)
- **Operating Temperature:** -40° – 55°C
- **Humidity:** 15% – 95% (non-condensing)
- **Certifications:** FCC, CE, RoHS
- **Warranty:** 1-Year Limited Warranty
- **Package Content:** Device Connector IP55, Cable Tie

# PoE injector available separately.



## ORDERING INFORMATION

Product Code	Product Name	Description
DCS-GN-IP55	Device Connector IP55	802.11ac wave2/ac/a/b/g/n 1166Mbps layer 2 client bridge in waterproof IP55 outdoor enclosure. Manageable by InControl cloud management.

## Accessories for IP55 Models

Product Code	Compatible With	Description
ACW-510	DCS-GN-IP55	Wall/pole mount with flexible ball joint for high-precision installation.
ACW-109	DCS-GN-IP55	1x 56V/2.1A Power Supply and PoE License to Enable 802.3at PoE+ Output.

### Why Rising Connection is using equipment designed and built by Peplink?

- Industry leader in both ISP & Data Bonding across multiple technology platforms
- Reliable hardware from entry level professional equipment through to advanced Enterprises solutions
- Worldwide supported and local support here in Australia by fully trained technicians
- Reliable and secure redundancy paths for mission critical sites
- Designed for maximum possible business uptime

This demonstrates to Rising Connection that you will have the Quality, Reliability and Product Support.