

# Wireless Repeater/AP



## WIRELESS REPEATER

**300Mbps**

Wireless speed up to 300Mbps

Extends Wireless Signals  
Less Deadzone, More Surfing



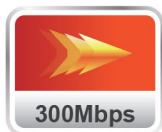
### 300Mbps Wireless-N WIFI Repeater

### GDI310

The GDI310 Wireless-N WIFI Repeater 300M is the ideal product for easily extending the range of your wireless network. You can use this repeater to eliminate 'dead zones' in your current WiFi coverage. It's compatible with wireless 802.11g/b and n routers, so it's perfect for accessing the internet wherever you are in your home, office or factory.

The simple installation and configuration means you'll be up and running in no time - the GDI310 repeater simply plugs into a regular mains socket with no untidy wires, aerials or external power adapters needed. Multiple repeaters can be used to extend your WiFi network even further.

Compact shape, beautiful fashion. Built-in Antenna, comes with the embedded power supply and power plug, You can bring it anywhere to facilitate tourism, business trip in the hotel, just plug the device into a power socket to enjoy a wireless network.

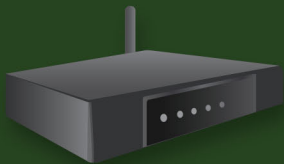


## Features

- Supports both Wireless Access Point and Wireless Repeater modes.
- Enables wired network wireless ready through the LAN port
- Extends the range of your WLAN network easily, cover wlan signal in more places.
- Access to the Internet for computers located on the edge or outside of the range of your access point.
- Shares large files, printing and storage quickly and reliably in wider range in your home or office.
- Complies with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b standards.
- Supports Wifi Protection Setup function (WPS)
- WEP, WPA, and WPA2 to ensure network security from unauthorized access.
- Support 2.4GHz WLAN networks, Provides up to 300Mbps transmission rates.
- Wireless Auto-channel selection.
- User-friendly web-based wizard and easy hardware setup. Portable, no need of external power adaptor.



### Extends Wireless Signals



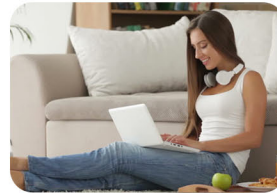
Connected



## Network Applications



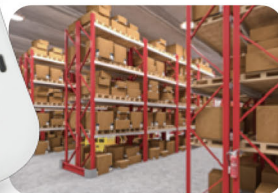
Meeting Room



Home



Office



WareHouse



Server Room



School

### Connectivity:

#### Repeat and Extend the range of your WLAN network

GDI310 supports 802.11n technology with up to 300Mbps data transfer rate. The device can take an existing 802.11n wireless signal, and then repeat and extend it. It eliminates the cable wires while providing the same reliable network connection. It can repeat and extend the wireless signal from virtually any 802.11n wireless router or access point that is launched on the market. It is backwards compatible with the 802.11b/g router or access point.

#### Supports Wireless Repeater Mode and Standard AP mode

GDI310 repeater/AP is more than just a wireless repeater, but also a Wireless AP. You can connect to the network as the use of a wireless router, wired router.

#### Make Wired Network WiFi Ready

GDI310 is equipped with 1 x 10/100M LAN port that can be used to connect to an existing wired network to serve as a wireless interface. It can also be used to configure the extender via its web-based wizard, or upgrade the firmware.



## Physical Information

**Casing Color:** White

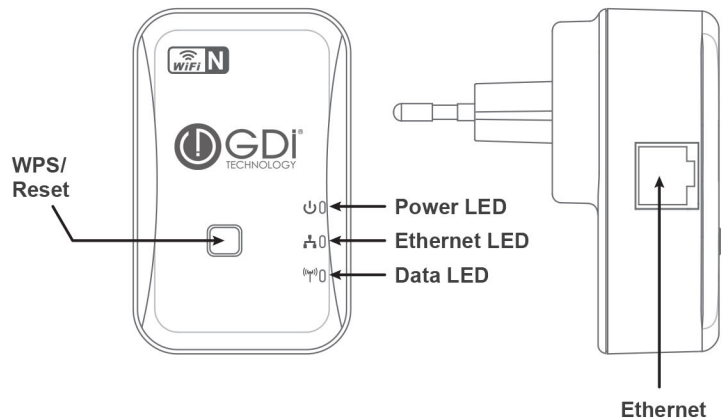
**Physical Dimensions:**  
L:78 x W:48 x D:70 mm

**Unit weight:** 80 grams

**Antenna:**  
2 x Internal antennas

**External Connectors:**  
1 x Power Plug  
1 x Ethernet LAN Port  
1 x WPS/Reset Button

**Accessories:**  
1 x 7W310 Wireless Repeater  
1 x Ethernet Cable  
1 x User Manual



## Technical Specifications

**Protocol/Standards:**  
Wireless IEEE802.11n, IEEE802.11b/g,  
Ethernet IEEE 802.3 10/100, IEEE802.3u,

**Transmission Rate:** Up to 300Mbps

**Frequency Range:** 2.4 - 2.4835 GHz

**Modulation Technology:**  
11n: BPSK, QPSK, 16QAM, 64QAM with OFDM  
11g: BPSK, QPSK, 16QAM, 64QAM, OFDM  
11b: DQPSK, DBPSK, DSSS, CCK

**Wireless Signal Rates:**  
11n: Up to 300Mbps(dynamic)  
11g: Up to 54Mbps(dynamic)  
11b: Up to 11Mbps(dynamic)

**RF Frequency:** 2.4GHz - 2.4835 GHz

**Security:** Wireless: 64/128-bit WEP, WPA, WPA2

**WPS Function:** Yes

**Receiver Sensitivity:**  
270M: -68dBm@10% PER 130M: -68dBm@10% PER  
108M: -68dBm@10% PER 54M: -68dBm@10% PER  
11M: -85dBm@8% PER 6M: -88dBm@10% PER  
1M: -90dBm@8% PER

**Max Current:** 0.12A

**Flash:** 4Mbytes

**SD-RAM:** 32Mbytes

**Antenna:** 2dBi Antennas

**Power Supply Unit:** 100v-240v AC

**Power Consumption:** Less than 4W

**Environmental:**  
Operating Temperature: 0° to 40° (32° F~104° F)  
Storage Temperature : -40° to 70° (-40° F~158° F)  
Operating Humidity :30% to 90% Relative Humidity (Non-Condensing)  
Storage Humidity: 3% to 95% Relative Humidity (Non-Condensing)

**NOTE:** Specifications subject to change without prior notice.



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