

Wireless Bridge BR-300AN

IEEE 802.11a/b/g/n

The Wireless Bridge BR-300AN conforms to communication standards of IEEE802.11a/n in the 5GHz band, which has less radio wave interference and IEEE 802.11b/g/n in the 2.4 GHz, which penetrates obstacles.

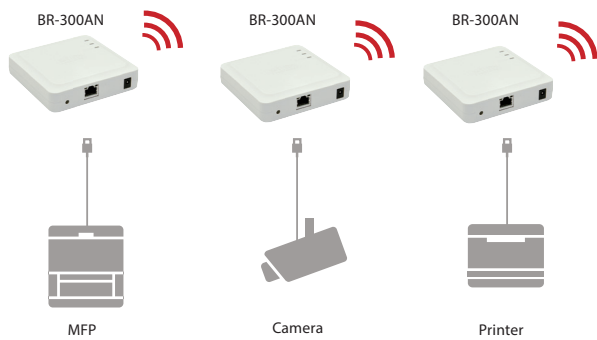
Gigabit Ethernet

The Wireless Bridge BR-300AN is equipped with a single wired LAN port of 10/100/1000BASE-T (auto-recognition) to connect a wired LAN device.

Two operation modes

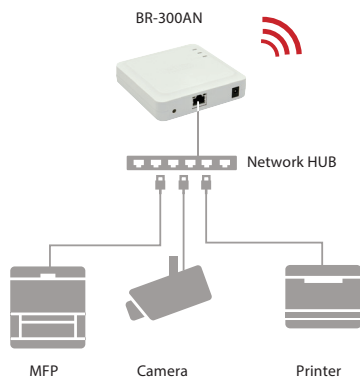
Single client mode

- Able to connect a device connected to the wired LAN port of the Wireless Bridge BR-300AN using a LAN cable to a wireless LAN.
- Uses the MAC address of the device connected to the wired LAN port for wireless communications (MAC address transparency feature).
- Cut the wireless LAN connection to stop the function when the device connected to the wired LAN port is replaced by another device (security feature).



Multi-client mode

- Able to connect up to 16 wired LAN devices through a HUB to the wireless LAN.
- Uses the MAC address of the Wireless Bridge BR-300AN for wireless LAN communications



※1: Smart wireless setup

The Wireless Bridge BR-300AN allows you to set wireless LAN setting by using a push switch.

It simply connects to an access point supporting WPS (*1).

*1: WPS (Wi-Fi Protected Setup) is a trademark of Wi-Fi Alliance.

Simple to set up and use (patented)

You can access to the setting page of the Wireless Bridge BR-300AN in a simple process without changing the configuration of a computer used for setting. Free from troublesome setting work when you set up the Wireless Bridge BR-300AN.

Specifications

| | |
|---------------------------|--|
| Model Number | BR-300AN |
| LAN | |
| Interface | RJ-45 × 1Port |
| Standard | 10/100/1000BASE-T(auto-recognition) |
| WLAN | |
| Standard | IEEE 802.11a/b/g/n 2Tx2R |
| Security | Open(None/64bit/128bit) Shared(64bit/128bit) WPA2-PSK(AES) WPA/WPA2-PSK Mixed(Auto) WPA2-Enterprise(AES) WPA/WPA2-Enterprise Mixed(Auto) 802.1x (EAP-TLS/EAP-TTLS/PEAP/LEAP/EAP-FAST) ※Use the settings of WPA/WPA2-PSK Mixed (Auto) and WPA/WPA2-Enterprise Mixed (Auto) when WPA-PSK (AES/TKIP) or WPA-Enterprise(AES/TKIP) are used. |
| Channels | 2.4GHz : 1~13ch 5GHz : 36~64ch, 100~140ch |
| Antenna | Built-in antenna - 2,4- and 5-GHz-Band |
| Push button | Push button, PIN-Code |
| Other Interfaces | |
| Push button | Operation mode switching, default setting and smart wireless |
| Others | |
| Storage Conditions | temperature : -10~50°C humidity : 20~90%RF (non-condensing) |
| Operating Conditions | temperature : 0~40°C humidity : 20~80%RF (non-condensing) |
| Maximum Power Consumption | 5.5W (DC5V 1.1A) |
| Dimensions | 100.0mm x 100.0mm x 25.5mm (the main unit only) |
| Weights | 120g (the main unit only) |
| Setting | Webbrowser (supports AMC Finder), AMC Manager® |
| Accessories | Main unit, AC adapter, LAN cable, setup guide, rubber feet, GPL inquiry sheet, warranty card |
| Certification | VCCI Class-B, FCC Part15 SubPart B Class B, CE EN55022 Class B, CE EN301489-1/-17, Conform to Rohs Directive |
| Partnumber | E1397 |



About silix

Silix Technology builds on more than 40 years of hardware and software connectivity know-how and IP, custom design development experience, and in-house manufacturing capabilities, bringing value to customers with a foundation of technical expertise. With relentless attention to quality, exclusive access to Qualcomm Atheros expertise, and strategic partnerships with leading semiconductor providers, Silix Technology is the global leader in reliable Wi-Fi connectivity for products ranging from a medical device to a document imaging product to a video or digital display.

Besides embedded Wi-Fi components and services for OEM customers, Silix Technology also develops, manufactures and markets Wi-Fi and LAN-connectivity end-products for business and enterprise users, ranging from USB and Serial Device Servers, Wireless Infrastructure Devices to Display Connectivity Solutions.

With Silix Technology, customers get a single vendor that provides hardware and software support from design through manufacturing for successful product after successful product.

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ROOKIE NINJA

Bur Dubai, P.O.Box 238802,
Dubai — United Arab Emirates

+971 4 296 5256

+971 58 575 4321

sales@rookie-ninja.com

www.rookie-ninja.com