

Wireless Network Extender with Gigabit Ethernet

Add 802.11ac to your Wi-Fi Network

The WEB6000Q is the most powerful wireless AC extender on the market and offers the most cost-effective way to upgrade your existing network to next generation AC technology. The wireless extender delivers wireless speeds up to 2.8 times faster than your wireless N network. With a total WiFi throughput up to 2 Gbps*, the WEB6000Q lets you stream HD-quality video and play online games without any glitches or lag.

Concurrent Dual-band 2.4GHz and 5GHz Radios

With dual-band concurrent radios, the WEB6000Q can transmit on both the 5GHz and 2.4GHz wireless bands simultaneously and provide two independent wireless networks. The 2.4GHz band can be used for basic web browsing, while the 5GHz band (which is cleaner and has less interference) is ideal for video streaming and gaming. And support for the latest 802.11ac Wi-Fi standard offers the fastest wireless speeds around.

Zero Configuration Installs

The WEB6000Q takes all the complexity out of setting up an extender in the home network. Users simply need to connect the adapter to a Gigabit Ethernet port in the home. The Actiontec gateway will automatically pass all of the wireless settings to configure the adapter in seconds, without any user intervention.

TR-069 Remote Management

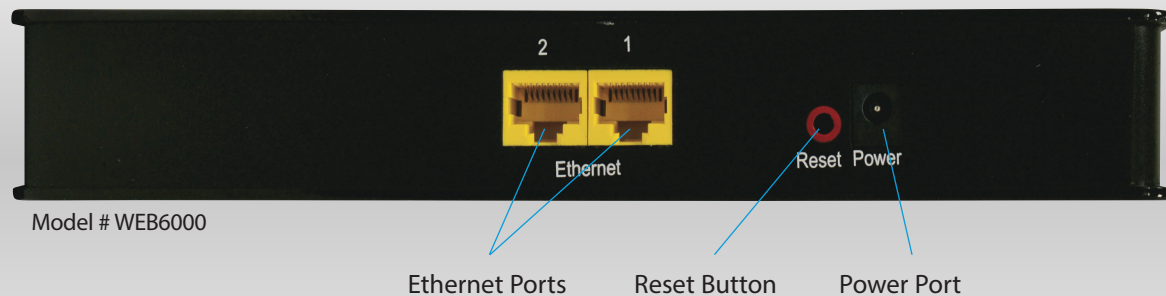
The extender supports TR-069 management, giving service providers the same visibility and control over the WEB6000Q as other customer premise equipment.



Model # WEB6000Q

Key Features

- Fast 802.11ac Wi-Fi wherever you need it
- Two times faster than typical wireless repeaters
- Uses Gigabit Ethernet to connect to your network
- TR-069 Manageable
- Two Gigabit Ethernet Ports
- 802.11n 2x2 2.4GHz / 802.11ac 4x4 5GHz Dual Band Concurrent
- Auto sync with Wireless Router/Gateway enables zero-configuration



Features/Specifications

Protocol/Standards/Support

- Wireless IEEE 802.11ac
- Wireless IEEE 802.11n
- Wireless IEEE 802.11 a/b/g
- Ethernet IEEE 802.3/802.3u/802.3ab 10/100/1000 Base-T

Wireless

- 802.11 a/b/g/n/11ac
- 2x2 internal antenna 2.4 GHz
- 4x4 internal antenna 5 GHz
- Wireless 2.4 GHz and 5 GHz Dual Concurrent Radios
- WPS

Wireless Security

- Wi-Fi Protected Access (WPA, WPA2)
- Wi-Fi Protected Setup (WPS)
- Pre-Shared Key (PSK)
- MAC Address Filtering
- AES Encryption

LAN Interfaces

- Two 10/100/1000 Ethernet

Network Frequency Range

- Wireless 2.4 GHz / 5 GHz

Physical Specifications

- LED Indicators
 - * 1 Power
 - * 2 Wireless
 - * 2 Ethernet
 - * 1 WPS Button and LED
- External Connectors
 - * 2 RJ-45
 - * 1 DC Power Input
 - * 1 Factory Default Reset Button

Data Rate

- Up to 1 Gbps Ethernet
- Up to 300 Mbps Wireless 2.4 GHz
- Up to 1.7 Gbps Wireless 5 GHz

Regulatory Approvals

- FCC 15B, 15C
- UL
- WiFi, WPS
- Canada ICES
- DFS

Hardware

- FlashRom 128 MB
- SDRAM: 128 MB

Power Requirements

- Supply Voltage Range: 12 VDC
- Maximum Current: 2A

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*Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction and network overhead lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

**Actiontec makes no express or implied representations or warranties about this product's compatibility with any future standards.

Product photo may differ from actual product, however functionality remains as stated above.

Specifications are subject to change without notice

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