

WEB6000Q

**802.11ac WIRELESS NETWORK EXTENDER
WITH GIGABIT ETHERNET**

Wireless Network Extender

Actiontec®

Currently Only Available for Major Service Providers

Using 802.11ac WiFi, a powerful 4x4 GHz radio and better antenna design, the WEB6000Q Wireless Network Extender turbo-charges the existing home wireless network. This GigE-based WiFi Extender obliterates wireless dead spots, so users can enjoy faster speeds and better wireless performance wherever they need it...including basements, garages, and second floors.



Next Generation 802.11ac Speeds

Don't have a wireless router that supports high-speed 802.11ac yet? No problem. The WEB6000Q extender adds 802.11ac to your network, delivering 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. It's one of the most cost-effective ways to upgrade your network to next generation technology without replacing your router.



Outperforms the Competition in Multilevel Homes

According to tests performed by Allion USA, the WiFi Extender its competitor on the 5GHz band (client receive direction) by up to **2x the throughput** at far locations within the 3000 sq ft test house. As a result, the Extender is the preferred solution for extending wireless coverage to an upstairs or downstairs floor.

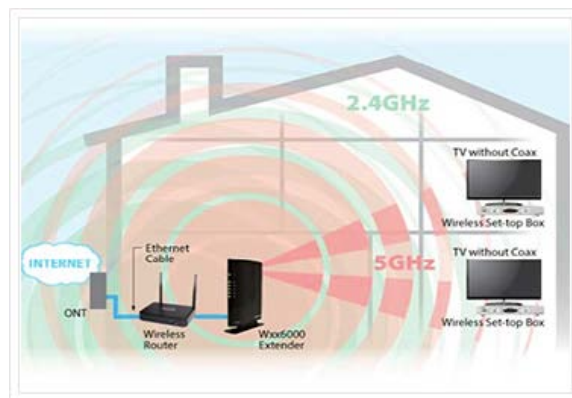
Actiontec's WxB6x00 Wireless
Network Extenders

2X Faster

Competitors

Optimized for Video over WiFi in your Home

Thanks to its advanced video prioritization and QoS capabilities, the WEB6000Q delivers the best possible experience for streaming HD video to the living room. Carriers can create a separate high-performance video network that ensures video quality regardless of network traffic. The WEB6000Q acts as a video bridge, supporting multiple wireless STB video streams while adjusting the data rate in real time (via QoS) for the best possible performance.



Technical Specifications:

Interfaces: Two 10/100/1000 Ethernet

Wireless:

- 802.11 a/b/g/n/11ac
- Wireless 2.4 GHz and 5 GHz Dual Concurrent Radios

Wireless Security:

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

Regulatory Approvals:

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

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- Maximum wireless signal rate derived from IEEE Standard 802.11g, 802.11n and 802.11ac 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.
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- Specifications are subject to change without notice.