

WR-6895

HIGH POWER AC2050

TELCO GRADE ETHERNET GATEWAY

400mW High Power | AC2050 | TR-069 | 5 Gig Ports

PRODUCT OVERVIEW

The **WR-6895** is a **Telco-Grade Gigabit Ethernet Wireless Router** that is ideal for **video streaming**.

- Avoid long buffer times with the latest Quantenna 802.11ac Wave 2 technology
- Take advantage of the latest high-bandwidth applications and services such as streaming of HD and UHD IPTV, home-automation, and online gaming
- Reduce truck rolls with remote management to easily fix wireless issues



KEY BENEFITS

Maximizes Video Streaming

Equipped with Quantenna's latest 802.11ac Wave 2 technology, the WR-6895 delivers super-charged 4x4 AC2050, MU-MIMO wireless connectivity with dynamic beamforming to enhance video experience.

Provides Optimized Performance

High power 400mW wireless technology extends wireless coverage to reduce dead zones in the home or office.

Improves Customer Service & Lowers Operational Costs

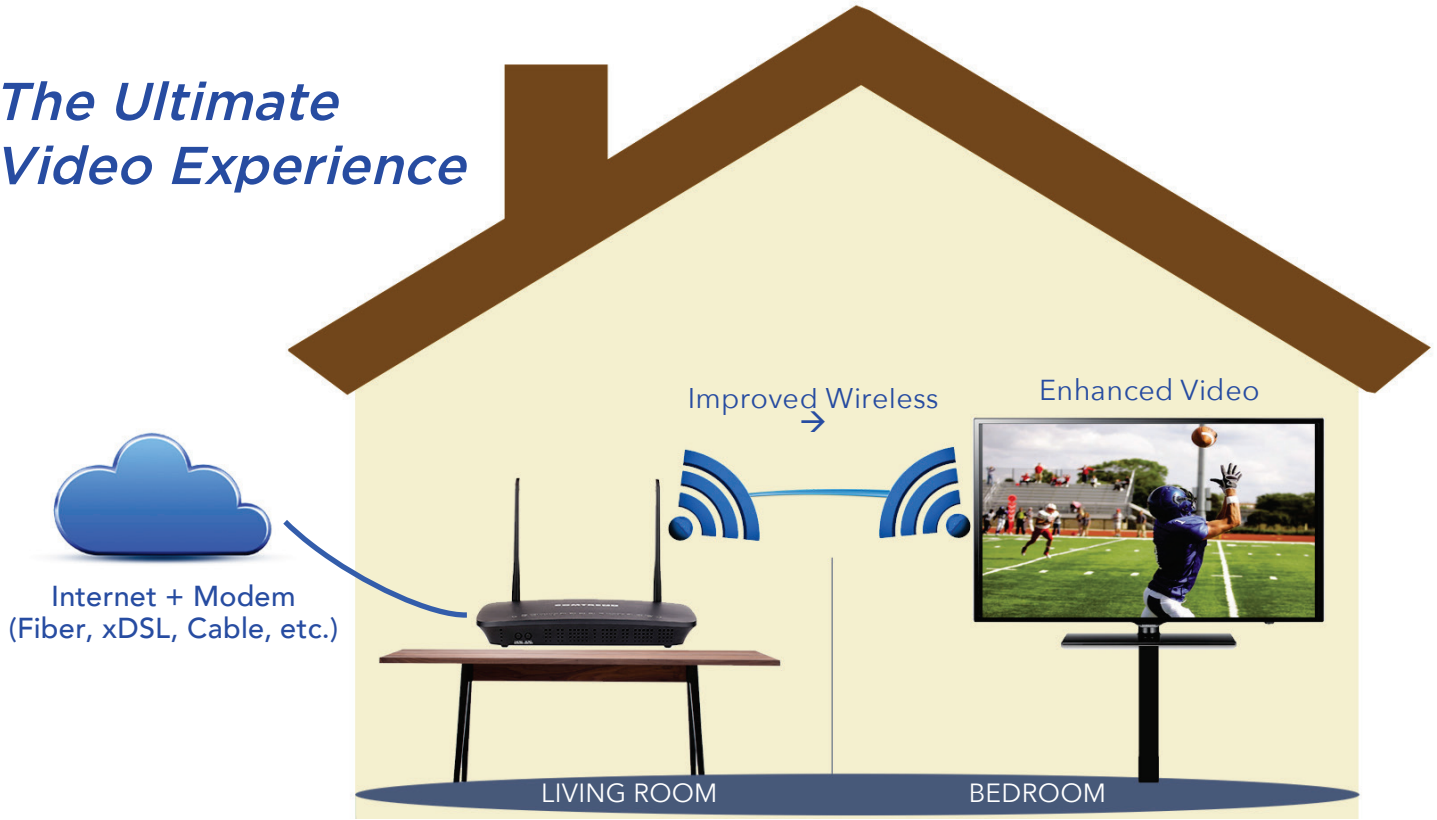
TR-069 device management enables service providers to remotely manage and configure their devices.

Interoperates with FTTx Deployments

The WR-6895 offers an ultra-fast Gigabit Ethernet port for gigabit speeds over its WAN connection.

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The Ultimate Video Experience



IMPROVED WIRELESS

Dynamic digital beamforming technology sends a direct wireless signal to the device, improving wireless range and connectivity.

ENHANCED VIDEO

Quantenna's 4x4 AC2050, MU-MIMO wireless technology delivers super-charged wireless connectivity for the ultimate video streaming experience.



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SPECIFICATIONS

Hardware

- RJ-45 X 1 for WAN (10/100/1000 Base-T auto-sense)
- RJ-45 X 4 for LAN (10/100/1000 Base-T auto-sense)
- Reset button X 1
- WPS & WiFi On/Off button X 2
- WiFi Antennas X 4 (Internal X 2, External X 2)
- Power switch X 1
- USB 3.0 Host X 1

WLAN

- IEEE 802.11n 2.4GHz, backward compatible with 802.11b/g
 - 400mW high power
 - 2T2R antenna array
 - Up to 300Mbps PHY rate
- IEEE 802.11ac 5GHz, backward compatible with 802.11a/n
 - 400mW high power
 - 4T4R antenna array
 - Up to 1733Mbps PHY rate
- WPA/WPA-PSK, WPA2/WPA2-PSK with TKIP & AES security type
- Multiple SSID
- MAC address filtering

LAN

- 10/100/1000 Base T, IEEE 802.3, IEEE 802.3u IEEE 802.3ab
- Support MDI/MDIX

USB

- File Sharing
- Print Server

Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Fine Point's TR-069 enhanced functionality is available on this model with specified software
- Software upgrade via HTTP, TFTP server, or FTP server

Networking Protocols

- PPPoE pass-through, Multiple PPPoE sessions on single WAN interface
- PPPoE Filtering of non-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support
- Spanning Tree Algorithm
- IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave
- Static route, RIP v1/v2, ARP, RARP, SNTP
- DHCP Server/Client/Relay
- DNS Proxy/Relay, Dynamic DNS
- Internet Printing Protocol
- UPnP
- IPv6 subset

Firewall/Filtering

- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- Parental Control
- URI/URL filtering
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules Support both incoming and outgoing filtering

NAT/NAPT

- Supports One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT
- NAT Loopback
- Port Triggering
- Port Forwarding (Virtual Server)
- Symmetric Port-Overloading NAT, Full-Cone NAT
- DMZ Host
- VPN Pass Through (PPTP, L2TP, IPSec)

Note: Specifications are subject to change without notice

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