TELCO GRADE

GIGABIT ETHERNET GATEWAY
802.11n | 5 Gigabit Ethernet Ports | TR-069

The WR-6891u is a Telco-Grade Gigabit Ethernet Wireless Router capable of being deployed in Fiber to the Home applications. It has a Gigabit Ethernet port for WAN connections, four Gigabit Ethernet ports for LAN devices, one USB Host, and an integrated 802.11n Access Point. The WR-6891u is also designed with a TR-068 compliant rear panel and LED indicators for easy installation and user-friendliness. Support for TR-069, remote configuration changes, troubleshooting, and firmware upgrades are available with the use of an Auto Configuration Server.

KEY BENEFITS

High-Speed Wireless
N300 speeds are perfect for gaming, web browsing, and video streaming.

Ultra Fast Wired Connectivity
Integrated Gigabit ports that are 10x faster than standard Ethernet.

Safe and Secure Connections
SPI Firewall with DoS protection prevents unwanted users from accessing your network.

TR-069 Remote Management
Improved customer relations and simplified management.

WR-6891u

FEATURES

- IEEE802.11n Wireless, backward compatible with 802.11g/b

- Up to 300Mbps Wireless PHY Rate

- Supports WPS pairing for easy wireless association

- Supports 2T2R MIMO technology in 2.4GHz frequency, significantly enhancing performance and coverage

- Supports 64/128-bit WEP, WPA and WPA2 for security and also IEEE 802.1x authentication

SPECIFICATIONS

Hardware
- 1 Gigabit RJ-45 WAN Port
- 4 Gigabit RJ-45 LAN Ports
- 802.11n Wireless Access Point
- USB 2.0 Host
- Reset button
- Power button
- WPS / WiFi On/Off Buttons

LAN
- IEEE 802.3, IEEE 802.3u
- 10/100/1000 BaseT Auto-sense Ports
- MDI/MDI-X support

Wireless
- IEEE802.11n 2.4GHz Wireless Radio
- 11 Channels (US, Canada)
- Up to 300Mbps PHY rate
- 20MHz/40MHz bandwidth
- WiFi Multimedia (WMM)
- Mutli-SSID Support

Wireless Security
- 64/128-bit WEP
- WPA/WPA2
- IEEE 802.1X

Management
- Web-based HTTP, SNMP, Telnet, SSH
- TR-064 / 069 / 098 / 111 / 143

QoS
- Packet level QoS classification rules
- IP TOS/Precedence
- 802.1p marking
- DiffServ DSCP marking
- Source/destination MAC addresses classification

Networking
- 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
- Static route, RIP v1/v2, ARP, RARP
- DHCP Server/Client/Relay
- DNS Proxy, Dynamic DNS
- Support One to One and Many to One NAT
- Port Triggering & Port Forwarding (Virtual Server)
- Symmetric port-overloading NAT, Full-Cone NAT
- DMZ host & VPN Pass Through (PPTP, L2TP, IPSec)

Environmental
- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)

Mechanical
- Dimensions: 205mm x 48mm x 145mm (W x H x D)
- Power: 12V1.5A

www.comtrend.com