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.

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

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

- **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)
- Multi-SSID Support

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

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

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