

# Wireless Access Point

802.11g | 4 Ethernet Port

## CT-5369

# Wireless Router



The CT-5369 is an 802.11g compliant (54Mbps) Wireless router comprising one WAN port, four 10/100 Base-T Ethernet ports, an optional USB port and an integrated 802.11g WiFi WLAN Access Point (AP). It provides with wired LAN connectivity and wireless connectivity separately.

The application of CT-5369, a wireless router, is to connect at the back of an ADSL or GPON (Gigabit-Capable Passive Optical Network) modem. It provides for state of the art security features such as WPA data encryption, Firewall and VPN pass through, suitable for both residential and business applications that require wireless and wired connectivity.

## FEATURES

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### ETH WAN and Wired/Wireless LAN

Utilize an Ethernet based Wide Area Network for connecting a DSL, cable modem, GPON, or an existing Ethernet network. An integrated 802.11b/g WLAN Access Point (AP) provides wireless coverage at 54 Mbps speed. The TR-068 compliant rear panel and LED indicators also simplify installation and improve ease-of-use. Additionally, the USB host port connects to printers.

### Safe & Secure Connections

First, both a Stateful Firewall (with DoS protection) and NAT/PAT protect the LAN from external threats. Second, IP and MAC address filtering provide fine-grained access control to or from the network. Third, Virtual Private Networks (VPN) with pass-through IPSec and WPA/WPA2/802.1x/WEP guarantee rock-solid security for wired and wireless connections.

### Quality Of Service

Classify, control, and prioritize diverse traffic types, for pristine video, toll-quality voice, and error-free data transmissions.

### Remote Management (TR-069 ACS)

TR-069/TR-098/TR-111 standards compatibility ensures interoperability with central office remote management equipment. From the user perspective, this reduces downtime and frustration. For the service provider it means improved customer relations and cost savings. Other management options include telnet, ssh and a web user interface with advanced functionality.

### Reliable Quality Products

Comtrend continues to deliver superior quality products to customers worldwide, including some of the biggest players in the telecommunications field.

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## SPECIFICATIONS

### Hardware

- RJ-45 X 4 for LAN
- RJ-45 X 1 for ETH WAN
- WPS X1
- Reset Button X 1
- Power switch X 1
- WiFi Antenna X1

### WAN

- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

### LAN

- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

### Wireless

- IEEE802.11b/g
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- Up to 54Mbps data rate
- MAC address filtering, WDS, WEP, WPA, WPA2, IEEE 802.1x
- 10,25,50,100mW@22MHz channel bandwidth output power level can be selected according to the environment

### Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Software upgrade via HTTP, TFTP server, or FTP server

### Security Functions

- PAP, CHAP
- Packet and MAC address filtering,
- Access control and SSH
- Three level login including local admin, local user and remote technical support access

### Power Supply

- 120 Vac, 16.5Vdc/850mA

### Application Diagram



### Networking Protocols

- RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet
- RFC2364 PPP over AAL5
- IPoA, PPPoA, PPPoE, PPPoE pass-through
- PPPoE filtering of on-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,
- DHCP Server/Client/Relay
- DNS Relay, Dynamic DNS
- ARP, RARP, SNTP

### QoS

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

### Firewall/Filtering

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

### NAT/NAPT

- Support Port Triggering and Port forwarding
- Symmetric port-overloading NAT, Full-Cone NAT
- Support DMZ host
- Virtual Server
- VPN Passthrough (PPTP, L2TP, IPSec)

### Application Layer Gateway (ALG)

- SIP, H.323, Yahoo messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-box, Microsoft DirectX games and etc.

### Environment Condition

- Operating temperature: 0 ~ 50 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)

### Dimensions

205mm(W) X 48mm(H) X 145mm(D)

### Kit Weight

1\*CT-5369, 2\*RJ45 cables, 1\*power adapter, 1\*CD-ROM = 1 kg

Note: Specifications are subject to change without notice



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