CT-5364A
802.11n ADSL2+ Router

Description

The CT-5364A is a Draft-802.11n (270Mbps) wired and Wireless Local Area Network (WLAN) ADSL2+ router. CT-5364A has four 10/100 Base-T Ethernet ports, a Wi-Fi Protected Setup (WPS) function, an Ethernet WAN, one USB Host, which can support 3G USB dongle, and is backward compatible with existing 802.11b (11Mbps) and 11g (54bps) equipment.

The CT-5364A ADSL2+ router provides state of the art security features such as 64/128 bit WEP encryption and WPA/WPA2 encryption. The CT-5364A is designed for both residential and business applications that require wireless and wired connectivity to an ADSL broadband network. The CT-5364A supports up to 16 contiguous virtual connections, allowing for multiple simultaneous Internet connections. The CT-5364A is also designed with TR-068 compliant color panel, which eases the installation of the modem and makes it more user-friendly.

Features

- 2x2 MIMO wireless system
- Integrated Draft 802.11n AP (Backward compatible with 802.11b/g)
- Strong wireless security encryption
- Wireless Distribution System (WDS) support
- WMM
- RADIUS client
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- IP QoS
- NAT/PAT
- Ethernet WAN
- Wi-Fi Protected Setup (WPS)
- IGMP Proxy
- DHCP Client/Server/Relay
- DNS Proxy
- Auto PVC configuration
- Per-VC packet level QoS
- Up to 16 VCs
- Embedded SNMP agent
- Web-based management
- Supports remote administration, automatic firmware upgrade and configuration
- Configuration backup and restoration
- FTP/TFTP server
- Supports TR-069/TR-098/TR-111 for remote management
- TR-068 compliant color connectors

Applications Diagram
## Specifications

### Hardware Interface
- RJ-11 X1 for ADSL, RJ-45 X 4 for LAN, RJ-45 X1 for Eth WAN, WPS X 1, USB Host/Device, Reset button X 1, Power switch X 1, Wi-Fi Antenna X 2

### WAN Interface
- **Downstream**: 24 Mbps, 12 Mbps, 8 Mbps
- **Upstream**: 1.3 Mbps, 1.3 Mbps, 832 Kbps

### LAN Interface
- **Standard**: IEEE 802.3, IEEE 802.3u
- **10/100 BaseT**: Auto-sense
- **MDI/MDX support**: Yes

### WLAN Interface
- **Standard**: Draft-80.11n, backward compatible with 802.11b/g
- **Encryption**: 64, 128-bit Wired Equivalent Privacy (WEP) data encryption
- **Channels**: 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- **Data rate**: Up to 270Mbps
- **WPA/WPA2** and **IEEE 802.1x**: Yes
- **WDS**: Yes

### ATM Attributes
- **RFC 2364 (PPPoA)**, **RFC 2684 (RFC 1483) bridge/route**, **RFC 2516 (PPPoe)**, **RFC 1577 (IPoA)**
- **Support PVCs**: 16
- **AAL type**: AAL5
- **ATM service class**: UBR/CBR/VBR
- **ATM UNI support**: UNI3.1/4.0
- **QAM F4/F5**: Yes

### Management
- **SNMP**, **Telnet**, **Web-based management**, **Configuration backup and restoration**
- **Software upgrade** via HTTP, TFTP server, or FTP server
- **Supports TR-069/TR-098/TR-111 for Remote Management**

### Bridge Functions
- **Transparent bridging and learning**: IEEE 802.1d
- **VLAN support**: Yes
- **Spanning tree algorithm**: Yes
- **IGMP proxy**: Yes

### Routing Functions
- **Static route**, **RIP**, and **RIPv2**, **NAT/PAT**, **DHCP server/DHCP relay**, **DNS proxy**, **ARP**

### Security Functions
- **Authentication protocols**: PAP, CHAP
- **TCP/IP/Port filtering rules**, **port triggering/Forwarding**, **packet and MAC address filtering**, **access control**, **SSH**

### Application Passthrough
- **PPPoE L2TP**, **IPSec**, **VoIP**, **Yahoo messenger, ICQ**, **Real player, Net meeting, MSN, X-box, etc**

### QoS
- **L3 policy-based QoS**, **IP QoS**, **ToS**

### Supported 3G USB Dongle
- **Huawei E220, E160, E220, etc**
- **Novatel MC950D**
- **Sierra 5775, 6780, etc**
- **Bandluxe C770, M250**
- **Ericsson F3507G**

### Power Supply
- **External power adapter**: 220-230VAC, 15VDC /0.8A

### Environment Condition
- **Operating temperature**: 0 ~ 50 degrees Celsius
- **Relative humidity**: 5 ~ 90% (non-condensing)

### Kit Weight (1*CT-5364A, 1*RJ11 cable, 1*RJ45 cable, 1*Power Adapter, 1*CD-ROM)
- **0.9 KG**

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**Note**: Specifications are subject to change without notice.