

# ADSL2/2+

4 Ethernet Port | VoIP | WiFi | USB Host & Device

## CT-6382T

### Wireless VoIP IAD



The CT-6382T is a powerful WLAN VoIP Integrated Access Device (IAD) that offers residential and business users fast and convenient wired or wireless network access. With ADSL2/2+ broadband and VoIP via standard analog telephones, it is a practical solution that combines all your networking and telephony needs in one device.

#### FEATURES

##### High-Speed Connections

The ADSL2/2+ port carries WAN traffic at speeds of up to 24 Mbps (ADSL2+), while Ethernet and USB ports support LAN traffic at speeds up to 100 Mbps. The TR-068 compliant rear panel ports and LED indicators simplify setup and improve ease-of-use.

##### High-Performance WiFi

An integrated 802.11b/g WiFi Access Point (AP) supports Wireless Local Area Networking (WLAN) at speeds up to 54 Mbps.

##### High-Security Connections

As the first level of protection, a Stateful Firewall (with DoS protection) and NAT/PAT help to isolate the LAN from external threats. Second, IP and MAC address filtering provide fine-grained access control to or from the network. Third, advanced security technologies, such as Virtual Private Networks (VPN) with PPTP/L2TP/IPSec pass-through ensure secure networking.

##### High-Quality VoIP

VoIP is the digital solution to voice communication that provides service quality equal to or greater than regular analog lines. Advanced features include caller ID, call hold/wait/forward/transfer, 3-way conference call, emergency call, fax passthrough (T.38), QoS and DTMF.

##### Remote Management (TR-069 ACS)

TR-069/TR-098/ TR-104/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 simplified management. Other management options include SNMP, TELNET, SSH and a web user interface with advanced command and control functionality.

##### Reliable Equipment Supplier

For over 20 years, Comtrend has delivered superior quality products to our customers worldwide. Every product goes through rigorous testing and is backed by a 2 year warranty.

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## SPECIFICATIONS

### Hardware

- FXS X2
- FXO X1
- RJ-11 X1 for ADSL2+
- RJ-45 X 4 for LAN
- Reset Button X 1
- Power switch X 1
- USB host, device (optional)

### WAN

- Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ITU-T G.992.2, ANSI T1.413 Issue 2
- G.992.3 (ADSL2):  
Downstream : 12 Mbps Upstream : 1.3 Mbps
- G.992.5 (ADSL2+):  
Downstream : 24 Mbps Upstream : 1.3 Mbps
- AnnexM

### 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

### ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA)
- Support up to 16 PVCs
- AAL5
- UBR/CBR/VBR-rt/VBR-nrt
- UNI 3.1/4.0
- OAM F4/F5

### 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, Authentication, Access control and SSH
- Packet and MAC address filtering,
- Four level login including local admin, local user and remote technical support access and apuser for WiFi access

### Power Supply

- Input: AC100-240V,
- Output: DC15V/1.6A

### Networking Protocols

- RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet
- RFC2364 PPP over AAL5
- IPoA, PPPoA, PPPoE, Multiple PPPoE sessions on single PVC, 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, ARP, RARP, SNTP
- DHCP Server/Client/Relay, DNS Relay, Dynamic DNS,

### QoS

- Packet level QoS classification rules,
- priority queuing using ATM TX queues,
- IP TOS/Precedence, DiffServ DSCP marking
- 802.1p 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
- Dynamic NAPT (NAPT N-to-1)
- Support DMZ host, Virtual Server
- VPN Passthrough (PPTP, L2TP, IPSec)

### Voice Functions

- SIP: RFC3261
- Codec: G.711, G.723.1, G.726, G.729ab
- RTP: RFC 1889
- SDP: RFC 2327
- Caller ID: ETSI based
- Life line/Emergency call
- Echo cancellation: G.168
- Silence suppression

### 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-6373, 1\*RJ11 cable, 1\*RJ45 cable, 1\*USB cable, 1\*Power adapter, 1\*CD-ROM = 1.05 kg

Note: Specifications are subject to change without notice



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