

ADSL2+/VDSL2

4 Ethernet Port | WiFi | USB Host & Device

CT-6373

Wireless VoIP IAD



The CT-6373 Wireless VoIP IAD (Integrated Access Device) is designed for ADSL2+/VDSL2 over PSTN connections. It is best suited for residential and business users who need to integrate ADSL2+/VDSL2, Wireless and VoIP technologies. Including VDSL2 broadband technology, the CT-6373 is perfect for triple play applications. It also offers users easy access to the Internet via Wireless or Ethernet and provides predictable, real-time, toll-quality voice over the Internet with VoIP via standard analog phones.

FEATURES

Integrated Broadband Access

Integrated VDSL2 (100 Mbps) or ADSL2+ (24 Mbps) broadband access, four 10/100 Ethernet ports, two USB ports, two FXS ports and an integrated 802.11g/b WLAN Access Point (AP). Ports are color-coded for easy installation.

High-Security Access

SPI Firewall (with DoS) and NAT/PAT help to isolate the LAN from external threats. IP and MAC address filtering provide fine-grained access control to or from the network. Advanced security technologies, such as VPN with PPTP/L2TP/IPSec pass-through, ensure secure networking.

Quality Of Service (QoS)

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

Digital Voice (VoIP)

VoIP is the digital solution to voice communication that provides service quality equal to or greater than regular analog lines. Supported features include caller ID, call hold/wait/forward/transfer, 3-way conference call, lifeline /emergency, 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.

Reliability and Quality

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.

CT-6373

4 Ethernet Port | WiFi | USB Host & Device



SPECIFICATIONS

Hardware

- RJ-11 X1 for ADSL2+/VDSL2 (Built-in FXO, Microfilter)
- RJ-45 X 4 for LAN
- Reset Button X 1
- FXS X 2
- Power switch X 1
- USB device X 1
- USB host X 1
- WLAN antenna

WAN

- Complies with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2, AnnexM
- ADSL2+:
 - Downstream : 24 Mbps Upstream : 1.3 Mbps
- Complies with G.993.2 (profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
- VDSL2
 - Downstream : 100Mbps Upstream : 60Mbps

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
- Channels : 11 (US, Canada)/ 13 (Europe)/ 14 (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

PTM Attributes

- Dual Latency

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

- 100 Vac -240 Vac, 15Vdc/1.6A

Networking Protocols

- RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packets
- 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,SYN, 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



COMTREND CORPORATION

Taiwan:

3F-1, No.10, Lane 609, Chung Hsin Road Section 5, San Chung, Taipei, Taiwan 24159
Tel: 886-2-2999-8261
Fax: 886-2-2999-8497

China:

NO.88 East QianJin Road, Kunshan City, JiangSu, China
Tel: 86-512-57383156, 86-512-57383157, 86-512-57384515
Fax: 86-512-57383155

Spain:

Edif. América II C/Prócion, 7 portal 3 bajo H 28023 Madrid, Spain
Tel: 34-917990403
Fax: 34-913510999

UK:

566 Chiswick High Road Building 3, Chiswick Park Chiswick - London, W4 5YA UK
Tel: 44-0-8453701031
Fax: 44-0-8453701032

France:

87, Rue du Gouverneur Général Félix Eboué 92130 Issy-les-Moulineaux, France
Tel: 33-1-70715700
Fax: 33-1-70715701

Czech Republic:

TOKOVO Jankovcova 1518/2, 170 00, Prague 7, Czech Republic
Tel: 420-266-782040
Fax: 420-266-782990

USA & Canada:

15375 Barranca Parkway, Suite C-104 Irvine, CA 92618, USA
Tel: 1-949-7539640
Fax: 1-949-7539020

Brazil:

Al. Campinas, 977 - 7º. Floor - Room 71 / 72 - Jardins
Zip Code: 01404-001 - São Paulo - SP - Brazil
Tel: 00 55 11 3052-2295
Fax: 00 55 11 3052-2295