

## ADSL2+

4 Ethernet Ports | GbE WAN | 802.11n | 2 USB Hosts | VoIP

## AI-5730ud

# WLAN VoIP DECT IAD



Comtrend's AI-5730ud is a powerful DECT Integrated Access Device (IAD), providing predictable, real-time, toll-quality voice over the Internet. The AI-5730ud is designed for residential and business users who need to integrate ADSL2/2+, DECT, WLAN and VoIP technologies. With ADSL2/2+ broadband technology, the AI-5730ud offers users easy access to the Internet via WLAN or Ethernet, and provides VoIP via standard analog phones.

The AI-5730ud allows calls to be routed to anywhere in the world - significantly reducing or eliminating long distance charges. You can even make phone calls when your PC is turned off. Moreover, DECT base-station provides a robust and reliable solution for wireless phone calls over VoIP. The AI-5730ud supports policy based QoS on layer 3, which provides high quality voice service. It also provides a solution for all your network and telephony needs in one integrated unit, which reduces space requirements, and the cost of hardware and cabling. This makes AI-5730ud the most cost effective solution for your application.

### FEATURES

- AI-5730ud - Annex A
- ADSL2/2+ VoIP and Router integrated
- Supports life line: PSTN alive when power off
- Supports emergency call
- Supports QoS (Quality of Service) for voice
- Supports caller ID display and restriction
- Supports call hold
- Supports call waiting
- Supports call forwarding
- 2x2 MIMO wireless system
- Integrated 802.11n AP (Backward compatible with 802.11b/g)
- Supports call transfer
- Supports 3-way conference
- Supports direct number dialing
- Supports T.38
- Supports remote administration, automatic firmware upgrade and configuration
- Supports VPN Pass-through
- Supports Day-time parental control
- Supports TR-069/TR-098/TR-104/TR-111
- Supports TR-068
- 3G dongle support

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## SPECIFICATIONS

### Hardware Interface

- FXSx2
- FXOx1
- RJ11x1 for ADSL2+
- RJ-45 x4 for LAN
- 2xUSB host
- RJ-45x1 for GbE WAN Port (10/100/1000 BaseT auto-sense)
- Reset Button x1; WPS button x1; WiFi button x1
- Power switch x1

### WAN Interface (Dual WAN)

#### ADSL WAN

- ADSL Standard
- 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: Up to 12 Mbps      Upstream: 1.3 Mbps
- G.992.5 (ADSL2+)  
Downstream: Up to 24 Mbps      Upstream: 1.3 Mbps
- AnnexM

#### GbE WAN

- 10/100/1000 Mbps
- RJ45 connector

### LAN Interface

- Standard                    IEEE 802.3, IEEE 802.3u
- 10/100 BaseT            Auto-sense
- MDI/MDX support      Yes

### WLAN Interface

- Standard  
IEEE802.11n (Draft), backward compatible with 802.11g/b
- 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 300Mbps
- WPA/WPA2                Yes
- IEEE 802.1x                Yes
- WMM                        Yes

### ATM Attributes

- RFC 2364, RFC 2684 (RFC 1483) Bridge; RFC 2684 (RFC 1483) Route; RFC 2516; RFC 1577
- VCs                            16
- AAL type                    AAL5
- ATM service class        UBR/CBR/VBR
- ATM UNI support        UNI3.1/4.0
- OAM F4/F5                Yes

### Management

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

### Bridge Functions

- Transparent bridging and learning    IEEE 802.1d
- IGMP proxy                                Yes
- IGMP snooping                            Yes

### Routing Functions

- Static route, RIP, and RIP v1, v2, NAT/PAT, DHCP Client/Server/Relay, DNS, ARP

### Security Functions

- Authentication protocols            PAP, CHAP
- VPN                                        PPTP/L2TP/IpSec pass-through
- Stateful packet inspection, Packet filtering, Denial of service protection, Traffic conditioning, WFQ-based bandwidth
- Management, HTTP proxy

### QoS

- L3 policy-based QoS, IP QoS, ToS

### DECT

- Cat IQ
- Up to 4 DECT channels

### Power Supply

- External power adapter            Input: AC100-240V

### Environmental Conditions

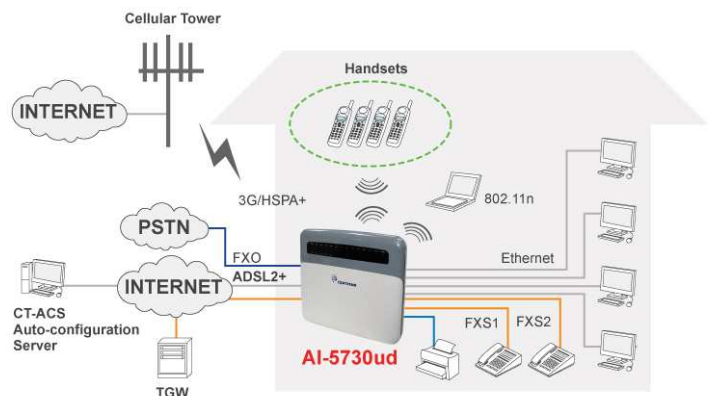
- Operating temperature            0 ~ 40 degrees Celsius
- Relative humidity                    5 ~ 95% (non-condensing)

### Dimensions

- 240 mm (W) x 210 mm (H)
- Depth (D): 80 mm with the stand
- Depth (D): 41mm without the stand

### Kit Weight (1\*AI-5730ud, 1\*RJ45 cable, 2\*RJ11 cable, 1\*power adapter, 1\* CD-ROM)

- 1.2 KG



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