

ADSL2+

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

AI-5720u

WLAN VoIP IAD



Comtrend's AI-5720u is a powerful WLAN VoIP IAD (Integrated Access Device), providing predictable, real-time, toll-quality voice over the Internet. Developed with ADSL2/2+ broadband technology over PSTN, the AI-5720u offers residential and business users easy access to the Internet via WLAN or Ethernet, also providing VoIP via standard analog telephones.

The AI-5720u 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. The AI-5720u supports policy based QoS on layer 3, which provides high quality voice service. It also provides a cost-effective solution to combine with all your network and telephony needs in one, which reduces space requirements and the cost of hardware and cabling. The AI-5720u is also designed with TR-068 a compliant color panel and LED indicators making it more user friendly.

FEATURES

- **AI-5720u -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, Reset Button x1, Power switch x1, 2xUSB host

WAN Interface

- 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

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

Voice Functions

- SIP RFC 3261
- MGCP (optional) RFC 3435
- Codec G.711, G.723.1, G.726, G.729ab
- RTP RFC 1889
- SDP RFC 2327
- Caller ID ETSI based
- Life line/Emergency call Yes
- Echo cancellation G.168
- Silence suppression Yes

Power Supply

- External power adapter Input: AC100-240V

Environmental Conditions

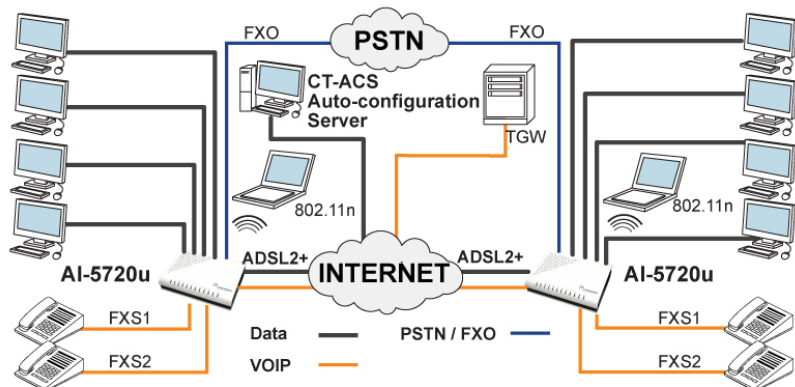
- Operating temperature 0 ~ 40 degrees Celsius
- Relative humidity 5 ~ 95% (non-condensing)

Dimensions

- 205 mm (W) x 47 mm (H) x 145 mm (D)

Kit Weight (1*AI-5720u, 1*RJ45 cable, 2*RJ11 cable, 1*power adapter, 1* CD-ROM)

- 1 KG



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