

AM-2007RT

ADSL router

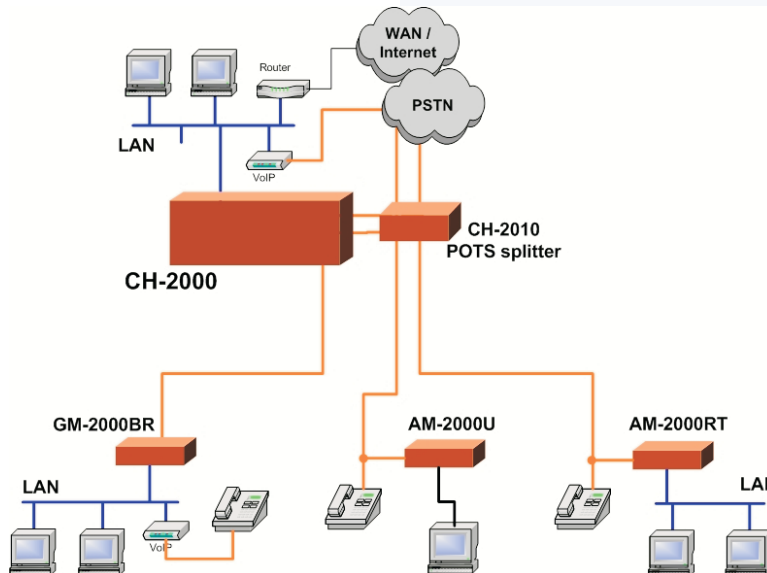
Description

The AM-2007BR series ADSL Modems and AM-2007RT series ADSL Routers utilize ADI chipsets to meet the specific needs of the communication service operators for providing a high-speed internet connection or LAN connectivity to their customers over existing telephone network. They provide a 10/100 Base-T Ethernet port to connect with a LAN. In addition, they support up to eight virtual concurrent connections to multiple destinations. In addition, the AM-2007RT series has full routing capabilities to segment/route IP protocol.

The AM-2007BR/AM-2007RT are for ADSL over POTS (Annex A) and the AM-2007BRE/507E are for ADSL over ISDN (Annex B).

The AM-2007BR and AM-2007RT series are capable of bridging other protocols. They have the speed and stability to be used for multi-media applications; and they can easily be configured, managed, and monitored from a web-based browser, such as Internet Explorer.

Application



Features

- ✓ One 10/100 Base-T Ethernet port for LAN connection
- ✓ Bridge/Routing function (AM-2007RT series only)
- ✓ Auto-negotiating rate adaptation
- ✓ AAL5 for ATM over ADSL
- ✓ UBR/CBR/VBR ATM services
- ✓ VC-based and LLC multiplexing
- ✓ Up to 8 VCs
- ✓ Embedded SNMP agent and RFC MIB II
- ✓ Web-based management
- ✓ OAM F4/F5
- ✓ Static route/RIP/RIPv2 routing functions (AM-2007RT series only)



AM-2007BR

ADSL modem

Product Specifications

WAN Interface (One ADSL port)

ADSL standard	ITU-T G.992.1, ANSI T1.413
G.DMT data rate	Downstream: 10 Mbps,
Upstream :	1 Mbps
G.lite data rate	Downstream: 1.5 Mbps,
Upstream	512 Kbps

ATM Attributes

PPPoA	RFC-2364 (AM-2007RT series only)
PPPoE	RFC-2516 (AM-2007RT series only)
Multi-protocol over AAL5 Routed	RFC-2684 (AM-2007RT series only)
Multi-protocol over AAL5 Bridged	RFC-2684
IP Over AAL5	RFC-1577 (AM-2007RT series only)
VCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI 3.1/4.0
OAM F4/F5	Yes

Management

SNMP	Yes
RFC-1213 MIB II	Yes

Telnet	Yes
Web-based management	Yes
LED Status	Power, Alert, LAN, ADSL

Local Interface (One Ethernet port)

Standard	IEEE 802.3/IEEE 802.3u 10/100 Base-T, Physical layer specification
Transparent bridge and learning	Yes

Routing Functions (AM-2007RT series only)

IP static route	Yes
RIP and RIPv2	Yes

Network Functions (AM-2007RT series only)

ARP	Yes
DNS, NAT/PAT, DHCP/BOOTP	Yes
PAP, CHAP	Yes
IGMP proxy	Yes

Power Supply

External power adapter	110 VAC or 220 VAC
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Environmental Conditions

Operating temperature (operating)	0~50 degrees Celsius
Relative humidity	5~95% (non-condensing)

Dimensions

AM-2007BR&AM-2007RT series	40 mm (W) x 140 mm (H) x 133 mm (D) (with cabinet holder)
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