



CT-507 / CT-507E ADSL Router

Features

- ❑ One 10/100Based-T Ethernet port for LAN connection
- ❑ Bridge/Routing function
- ❑ Auto-negotiation 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/RIP v2 routing function
- ❑ Dynamic IP assignment

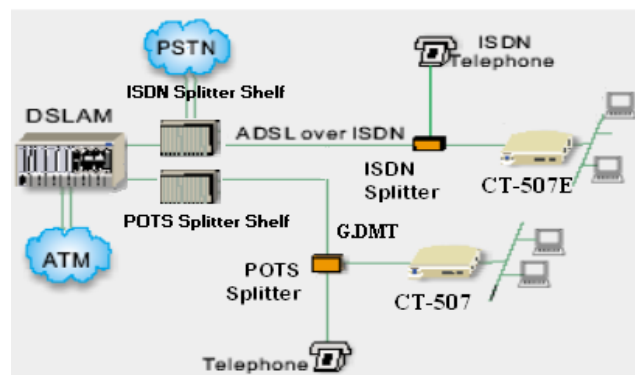


Description

The CT-507 & CT-507E ADSL Routers are using ADI solution. They provide one 10/100 Ethernet Interface and one ADSL line interface to access the Internet, corporate line LAN or Video on demand over one ordinary telephone line at speed up to 10 Mbps. They also have full routing capabilities to segment/route IP protocol and bridging functions. By software configuration, router or bridge mode can be selected.

The CT-507 is for ADSL over POTS (Annex A) and the CT-507E is for ADSL over ISDN (Annex B). In addition, The CT-507/CT-507E have the speed and stability to be used for multi-media applications; and they can easily be configured & management and monitored from a web-based browser e.g., Internet Explorer.

Applications Diagram



CT-507 / CT-507E ADSL Router

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
PPPoE	RFC-2516
Multi-protocol over AAL5 Routed	RFC-2684
Multi-protocol over AAL5 Bridged	RFC-2684
IP Over AAL5	RFC-1577
VCs	8
AAL type	AAL5
ATM service class	UBR/CBR/VBR
ATM UNI support	UNI3.1/4.0, ILMI
OAM F4/F5	Yes

Management

Console	Yes
SNMP	Yes
RFC-1213 MIB II	Yes
Telnet	Yes
Web-based management	Yes
LED Indicators	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

IP static route	Yes
RIP and RIPv2	Yes

Network functions

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

Power Supply

External power adapter	110 VAC or 220VAC
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Environmental Condition

Operating temperature	0 ~ 50 degrees Celsius (operating)
Relative humidity	5 ~ 90% (non-condensing)

Note: Specifications are subject to change without notice



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