

KD318MI ADSL2+Ethernet Router



The KASDA KD318MI ADSL Ethernet router is an ideal solution for the small and medium size business environment. This ADSL-based router has an integrated 4-port 10/100 Mbps switch providing maximum speeds of up to 24Mbps for up to 4 computers without the extra cost of a hub or switch.

The KD318MI ADSL Router cost effectively combines powerful business-class features and ease-of use. Equipped with a built-in firewall and secure VPN, the KD318MI delivers all the advanced features that a business needs for a secure, reliable, and high-speed Internet connection.

Powerful data routing features make shared Internet connectivity simple and easy. NAT support offers the convenience and economy of using a single IP address provided by the ISP, while the integrated DHCP server automates IP address assignment for connected computers. A built-in firewall protects a network from would-be intruders.

Features

- ADSL2/2+ downstream up to 24Mbps
- Upstream up to 3.5Mbps
- Rate adaptive at 32Kbps steps
- Built-in 4-Port Switch to extent LAN
- Fully comply TR-068 and TR-069
- IPv4/IPv6 dual stack



Standards

- > Full-rate ANSI T1.413 issue 2
- > ITU-T G.992.1 (G.dmt), supporting Annex A or B
- > ITU-T G.992.2 (G.lite), supporting Annex A or B
- > ITU-T G.992.3 (G. dmt.bis), supporting Annex A or B, Annex L and Annex M
- > ITU-T G.992.4 (G.lite.bis), supporting Annex A or B
- > ITU-T G.992.5 (ADSL2+), supporting Annex A or B, Annex L and Annex M
- > ITU-T G.994.1 (G.hs)
- > Data Transmission Rate
- > Upstream: Up to 3.5Mbps
- > Downstream: Up to 24 Mbps.
- > Rate Adaptive at 32 Kbps steps
- > Support Annex L
- > Interoperable with all major DSLAM equipments

Network Protocols:

- > Static IP, Dynamic RIPv1, RIPv2 support
- > MTU Adjustment
- > Network Address Translation (NAT)
- > PVC Port Mapping (Ethernet ports)
- > Port Mapping/Forwarding
- > NAT Application Level Gateway for popular applications
- > DHCP Server/Relay/client
- > DNS Relay Agent
- > DMZ support
- > DDNS support
- > SNMP V1.0 support
- > PPP Auto Reconnect and configurable timeouts
- > PPP Auto Reconnect on WAN Access/PPP on Demand
- > IGMP Multicast Support

VPN Pass-through:

- > IPSec/PPTP/L2TP Pass-through

QOS:

- > Priority Queuing
- > Classification Rules
- > 802.1p

Environment:

- > Operating Temperature: 0 °C~40 °C
- > Storage Temperature: -30 °C~60 °C
- > Operating Humidity: 10%~90% non-condensing
- > Storage Humidity: 5%~90% non-condensing

Accessories:

- > RJ11 cable x 1
- > RJ45 cable x 1
- > External splitter x 1

Wireless Features :

- > Complies with IEEE802.11n, IEEE 802.11g and IEEE 802.11b
- > 11n: Up to 150Mbps (dynamic)
- > Provides WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security
- > Multi SSID
- > Access Control List
- > Provides 64/128-bit WEP encryption security
- > Wireless operating range: Indoor up to 100m, Outdoor up to 300m
- > Wireless transmit power: 20dBm
- > Two External Antennas

ATM and PPP Features

- > RFC2684 Bridge and Routed LLC& VC
- > RFC2364 PPP over ATM ALL5
- > RFC2516 PPP over Ethernet
- > RFC2225/RFC1577 Classical IP over ATM
- > RFC1483 Transparent Bridge
- > ATM Forum UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5
- > VPI Range (0-255) and VCI range (32-65535)
- > UBR, CBR, VBR-rt, VBR-nrt
- > F4/F5 OAM Loopback
- > Multiple PVC up to 8 support

Management Support :

- > Web Based GUI
- > Upgrade or update via FTP/HTTP
- > Command Line Interface via serial interface or Telnet
- > Diagnostic Test
- > Firmware upgrade-able for future feature enhancement
- > Remote software upgrade and update

Security Support:

- > PAP/CHAP Authentication for PPP mode
- > NAT for basic Firewall support
- > State Packet Inspection (SPI) for Firewall with denial-of-service (DoS) protection
- > 2 Level (User/Admin) Password Authentication to Router
- > IP Filtering and MAC Filtering
- > Parental control

Operation System Support:

- > Windows 98 / 98 SE, 2000, ME, XP, VISTA,7,8
- > Macintosh
- > Linux

- > Power Adapter x 1
- > Installation Manual x 1

LED Indicators:

- > PWR ,LAN1,LAN2,LAN3,LAN4,ACT,DSL,

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