

WIRELESS Broadband Router & Gateway

The KASDA KD318EUI ADSL router provides a 10/100BaseT interface for Ethernet connection and an USB interface for USB connection at the user end. Computers can simultaneously connect to the route either via its USB, Switch, or both ports to share its high-speed Internet access. You can connect to its Switch port regardless of the operating system you are using, or connect to its USB port to allow easy installation to a USB equipped computer. It receives adaptive rates up to 24Mbps and transmits 1Mbps upstream.

The KD318EUI ADSL Router cost effectively combines powerful business-class features and ease-of use. Equipped with a built-in firewall and secure VPN, the KD318EUI 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.

KD318EUI ADSL2+Ethernet Router



Features

- ADSL2/2+ downstream up to 24Mbps
- Upstream up to 1Mbps
- 10/100Base T interface for Ethernet
- Built-in Port Switch to extent LAN
- 1 USB2.0 Port for devices
- 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 1Mbps
- > Downstream: Up to 24 Mbps.
- > Rate Adaptive at 32 Kbps steps
- > 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

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 PVC
- > VPI range (0-255) and VCI range (32-65535)
- > F4/F5 OAM Loopback
- > ATM Layer with Traffic shaping(UBR/CBR)

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
- > TR-069(optional)
- > Quick install software(optional)

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

Operation System Support:

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

LED Indicators:

- > PWR ,LAN1,ACT,DSL,USB

Accessories:

- > RJ11 cable x 1
- > RJ45 cable x 1
- > USB cable x1
- > External splitter x 1
- > Power Adapter x 1
- > Installation Manual x 1

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