

Wired ADSL2+ Modem Router

KD318MI

★Features

- All-in-One – ADSL2+ modem, NAT router, 4-port switch in one device provides an one-stop networking solutions
- DSL Speed – Downstream rates up to 24Mbps and upstream rates up to 3.5Mbps
- Operating Distance – Up to 5KM
- 4 Fast LAN Ports – Fast Ethernet ports to extend the LAN to more devices and further distances
- Dual WAN Support – ADSL or Ethernet WAN for connecting to Cable, VDSL or Fiber modems
- QoS – Quality of Service control for traffic prioritization and bandwidth management
- VPN Pass-through Support – Allow the VPN data transfer through the device
- Parental Control –Allows parents or administrators to establish restricted access policies for children or staffs
- TR-069 – Manage settings and updates remotely from any end equipment
- Compatibility – Interoperable with all major DSLAM equipments
- Simple set up with GUI – GUI makes installation easier and faster



★Description

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.

★Specifications

BASIC

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| IEEE Standards | IEEE 802.3, 802.3u |
| ADSL2+ Standards | ITU-T G.992.5 |
| ADSL2 Standards | ITU-T G.992.3 (G. dmt.bis) ITU-T G.992.4 (G.lite.bis) |
| ADSL Standards | Full-rate ANSI T1.413 issue 2; ITU-T G.992.1 (G.dmt); ITU -TG.992.2 (G.lite) |

★ Specifications

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| Speed | Upstream: up to 3.5Mbps; Downstream: up to 24Mbps |
| Operation Mode | ADSL2+ Modem, NAT Router, 4-Port Switch |
| WAN Connection Types | DHCP /Static IP /PPPoE /PPPoA /IPoA /Bridge, Dual WAN |

SOFTWARE

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|--------------------|---|
| ATM /PPP Protocols | RFC2684 /2364 /2516 /2225 /1577 /1483 /2684 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 AIS and RDI OAM cells Supports 16 PVCs |
| Function Features | Static Route, Dynamic RIPv1, RIPv2 support MTU Adjustment Network Address Translation (NAT) PVC Port Mapping(Ethernet ports) NAT Application Level Gateway for popular applications DNS Relay Agent/DDNS support PPP Auto Reconnect and configurable timeouts PPP Auto Reconnect on WAN Access/PPP on Demand IGMP Snooping v1/2 and IGMP Multicast ALG for SIP and H.323 |
| DHCP | Server, Client DHCP Client List, Address Reservation DHCP Relay |
| Security Support | Parental Control PAP/CHAP for PPP mode NAT for Firewall , SPI Firewall Denial-of-service (DoS) protection 2 Level (User/Admin) Authentication to Router IP and MAC Filtering |
| Management Support | Web Based GUI FTP /HTTP /Telnet /TR069 CWMP /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Supports Remote Access Control |
| VPN | IPSec /PPTP /L2TP pass through |
| Port Forwarding | Virtual Server, Port Triggering, DMZ, ALG |
| Dynamic DNS | DynDns |
| QoS | Priority Queuing, Classification Rules, 802.1p |
| IPv6 | IPv4 and IPv6 dual stack |

HARDWARE

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| Physical Interface | 4 x 10/100Mbps RJ45 LAN Port 1 x DSL RJ11 Port 1 x Power Interface |
| Buttons | Power /Reset |
| LED Indicators | PWR, DSL, ACT, LAN1/2/3/4 |
| Power | Input: 100-240V AC,50Hz; Output: 12V/0.5A |
| Processor | BCM6318+BCM6301 |
| Memory | 4MB flash and 64MB RAM |

★ Specifications

OTHER

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|------------------|--|
| Operation System | Windows 7,8,XP, VISTA/Macintosh/Linux |
| Environment | Operating Temperature:-10°C~55°C(14~131°F) Storage Temperature: -30°C~60°C(-22~140°F) Operating Humidity: 5%~95% non-condensing Storage Humidity: 5%~90% non-condensing |
| Package Content | 1 x KD318MI, 1 x Power Plug, 1 x External Splitter 1 x RJ11 Cable, 1 x RJ45 Cable, 1 x Installation Manual |

★ Diagram

