

## 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	
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)

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### **★**Specifications

Speed	Upstream: up to 3.5Mbps; Downstream: up to 24Mbps
Operation Mode	ADSL2+ Modem, NAT Router, 4-Port Switch
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WAN Connection Types	DHCP /Static IP /PPPoE /PPPoA /IPoA /Bridge, Dual WAN
SOFTWARE	
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
	Static Route, Dynamic RIPv1, RIPv2 support
	MTU Adjustment
	Network Address Translation (NAT)
	PVC Port Mapping(Ethernet ports)
	NAT Application Level Gateway for popular applications
Function Features	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
	Server, Client
DHCP	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
	Web Based GUI
Management Support	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	
	4 x 10/100Mbps RJ45 LAN Port
Physical Interface	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

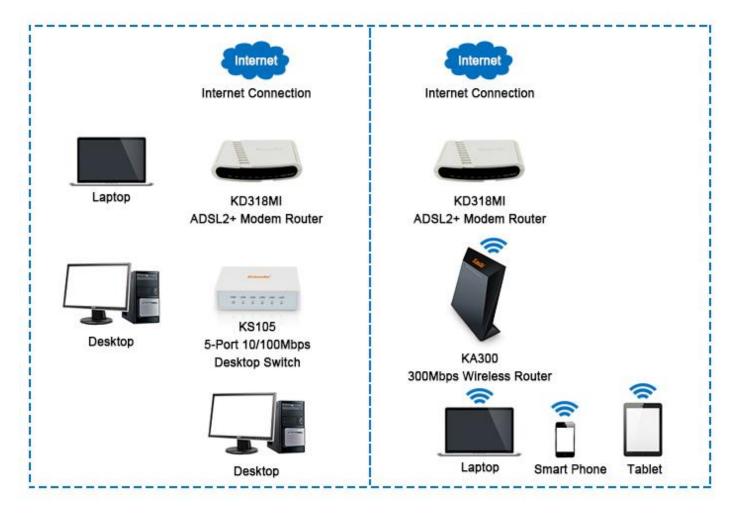
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### **★**Specifications

OTHER	
Operation System	Windows 7,8,XP, VISTA/Macintosh/Linux
Environment	Operating Temperature:-10°C~55°C(14~131Ť)
	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



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