



### **KX ADSL2+ ROUTER**

KORTEX PSI ADSL2+ Router is a full-featured ADSL router that provides high-speed Internet access and Ethernet direct connections to individual PCs or local area network with 10/100 Base-T Ethernet. Kx ADSL2+ Router uses advanced ADSL chipset solution with complete set of industry standard features and high-speed ADSL, ADSL2 and ADSL2+ Internet access for SOHO and residential users.

User can enjoy higher quality multimedia and real-time applications such as online gaming, Video-on-Demand and other bandwidth consuming services. Also the feature-rich routing functions are seamlessly integrated to ADSL service for existing corporate or home users. This product is made in ISO9001 approved factory and complies with FCC part15 regulations and CE approval.



Kx ADSL2+ Router ref: X096METH

#### **Features and Benefits:**

- Full rate operation with up to 24Mbps downstream data rate and up to 1Mbps upstream data rate enables High-speed Internet access
- Friendly GUI Configuration and Management
- Ongoing feature enhancements through FTP / TFTP (Web-based) download or upload of new firmware and configuration files
- Provides ALGs to support most major applications, such as MSN Messenger, CUSeeMe, ICQ, IRC, LDAP, PPTP, FTP, Quake, SIP, H.323, NetBios Over TCP/IP
- Enables end-to-end ATM support, which allows traffic management and QoS
- Built-in DHCP server automatically assigns IP addresses to all workstations on your LAN
- All management and monitoring can be done through Telnet session
- UPnP support
- Auto negotiating rate adaptation.

#### MAIN FEATURES

Easy To Use

1 Ethernet LAN 10/100

DHCP & NTP Server

HTTP WEB Server

FIREWAL

UPnP





#### **Applications:**

- High-speed Internet access
- Video-On-Demand
- Telecommuting
- Distance learning
- E-Commerce
- On-line gaming
- Video conferencing





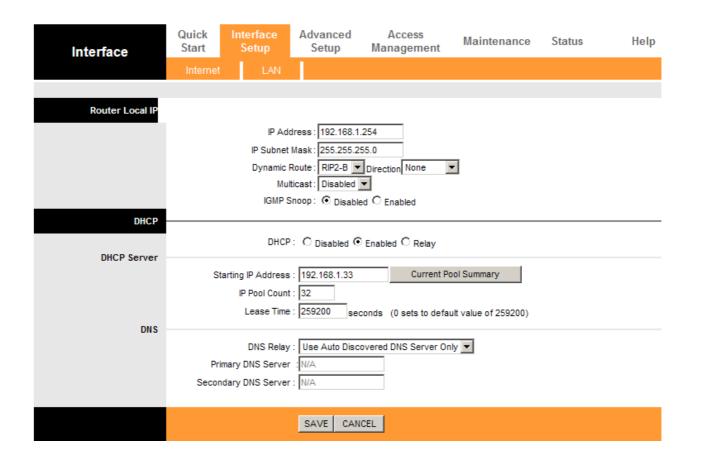






## **KX ADSL2+ ROUTER**

#### Web Interface:



#### **Package Content:**

- 1 x Kx ADSL Router
- 1 x RJ11 Line cable
- 1 x Ethernet cable
- 1 x CD with manuals & IP finder
- 1 x DC Power Supply 9V 500mA 6W

#### **Commercial reference:**

**X096METH** 1 LAN, 1RJ-11 LINE, 3 LEDS (POWER, LAN, DSL)





# **KX ADSL2+ ROUTER**

### **Specifications:**

DSL Compliant	ANSI T1.413 issue 2
	ITU-T G.992.1 (G.dmt), ITU-T G.992.2 (G.lite),
	ITU-T G.992.3 (ADSL2 G.dmt.bis), ITU-T G.992.4 (ADSL2 G.lite.bis)
	ITU-T G.992.5 (ADSL2+)
ATM and PPP	Support up to 8PVCs
Protocols	ATM cells over ADSL/AAL5
1100000	Support UBR, CBR, VBR, VBR-rt, VBR-nrt traffic classes and shapping
	VC and LLC Multiplexing
	PPP over Ethernet (RFC 2516)
	PPP over ATM (RFC 2364) and IP over ATM
	OAM F4 and F5 segment end-to-end loop-back, AIS, and RDI OAM cells
	VPI is 0-255 and VCI is 32-65535
Bridging / Routing	Ethernet to ADSL self-learning Transparent Bridging (IEEE 802.1d)
	IP routing RIPv1 and RIPv2
	Static IP routing , Support QOS
	DHCP(Dynamic Host Configuration Protocol) server and client
	IP Multicast IGMP v1/v2/v3
IP Management	NAT (Network Address Translation)
	NAPT (Network Address and Port Translation)
	DHCP Server / Relay / Client (WAN Port)
	VPN (IPSec, PPTP, L2TP) Pass-Through
	DNS Proxy
	Dynamic DNS
	UPnP support
	Virtual Server (Port forwarding) and DMZ host
Security	PPP over PAP (Password Authentication Protocol; RFC1334)
	PPP over CHAP (Challenge Authentication Protocol; RFC1994)
	Built-in NAT Firewall
	IP-based Packet filtering
	Password Protected System Management
HTTP Web-based	Web-based GUI Configuration / Management CLI (Command Line Interface) Telnet
management	Telnet with CLI(Command line Interface)
	Firmware upgrade via HTTP
	SNMP Support
	Built-in Diagnostic tool
Interfaces	One 10/100 Base-TX Ethernet Port with RJ45 connector, Automatic 10/100
Titlerraces	Speed sensing and MDI/MDI-X Crossover detection and correction
	One RJ11 port for ADSL connection
	One reset button for restoration of factory default setting
	One Power On/Off switch
	One power Jack
LED Indicators	POWER , LAN , ADSL
Dimensions (app)	130mm(length) x 90mm (width) x 30mm (height)
	Power Adapter: Input 230±10 VAC, Output 9V DC 0.5A
Power Requirement	
Supported OS	Windows 98SE, ME, 2000, XP, Vista, Win7, MAC OS
Environmental	Operating temperature: 0°C ~ 60°C ambient
	Humidity: 10 % ~ 90 % (non-condensing)
	Storage temperature: 0°C ~ 80°C
Certification	FCC part 15, CE, LVD

Specifications in this datasheet are subject to change without prior notice.