



IX66 Broadband Access router with ADSL Modem – Advanced Models

Features		Note	IX66+ ADSL AirSIP VPN	IX66+ ADSL AirSIP GW		
ADSL						
ADSL full rate – G992.1/T1.413			X	X		
ADSL Lite – G992.2			X	X		
ADSL Annex A / Annex B autoswitch (ADSL over POTS) / (ADSL over ISDN)		IX	X	X		
Access Router						
NAT / PAT			X	X		
DHCP Server / Client			X	X		
Local DNS Server		IX	X	X		
Dynamic DNS client		IX	X	X		
LAN support with separate subnets			X	X		
USB Port			X	X		
Ethernet Port			X	X		
WLAN Compact Flash Card Slot		IX	For wireless upgrade*	For wireless upgrade*		
Expansion Port		IX	X			
PPPoE			X	X		
PPPoA			X	X		
Auto login and keep-alive		IX	X	X		
Firewall						
Router-based			X	X		
Packet Filtering			X	X		
Stateful Inspection			X	X		
Proxy Firewall			X	X		
Game and application support			X	X		
DMZ			X	X		
Selectable firewall security levels		IX	X	X		
Port and IP Redirections			X	X		
Manual Firewall Rule Edit		IX	X	X		
VPN pass through (multiple clients): SSH, PPTP, IPsec ESP tunneling mode, IPsec NAT-T (IPsec over UDP)			X	X		
VPN Server & Client						
Protocol:	IPSec	L2TP	PPTP		X	U
Crypto:	DES, 3DES, AES Diffie-Hellman: group 1, 2 and 5	L2TP over IPSec			X	U
Identification:	X.509 Certificate, Pre-shared key	Password	Password		X	U
Authentication:	RSA, DSS	PAP/CHAP	PAP/CHAP		X	U
Key Length:	2048, 1024, 512				X	U
Authentication methods:	HMAC with MD5, HMAC with SHA-1				X	U
VPN Server & Client Configuration Wizards		IX	X		X	U
Creation of Client Certificates (P12 bundle)		IX	X		X	U
Status and Logging						
Network Status Monitor - Advanced host table		IX	X		X	X
System Log			X		X	X
Firewall Log			X		X	X
Export to external Syslog Server			X		X	X
Wireless						
IEEE 11Mb/s 802.11b			By adding CF card*		By adding CF card*	
Direct Sequence Spread Spectrum (DSSS)			X		X	
Wireless Access Point Security: WEP encryption 64 and 128 bits			X		X	
MAC Address Filtering		IX	X		X	
Antennas		IX	On CF card		On CF card	

* CF 802.11b card should use standard Intersil PRISM 2.5 or 3.0 chipset

X = Standard feature
IX = Intertex specific feature, not found in mainstream routers
U = Upgradeable feature

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SIP (IP Telephony, Microsoft RTC, Presence and Instant Messaging) Support			
SIP Server (Proxy and Registrar), up to 5 users	IX	X	X
True SIP Transparent Firewall (between LAN and the Internet)	IX	X	X
Upgrades available to allow for a larger number of registered users	IX	X	X
Useable as SIP server for own domain	IX	X	X
Upgradeable to SIP Switch (PBX-like functionality)	IX	X	X
Support for T.38 data streams signaled using SIP/SDP		X	X
SIP Switch (PBX-like functionality)			
Internal Extension Numbers	IX	U	U
Dialing Plan (trap number, route to PSTN Gateway, check ENUM)	IX	U	U
Dial 0 or 9 for outside PSTN line (like a PBX, optional)	IX	U	U
Incoming Call Processing (forward in sequence or parallel and to voice mail server)	IX	U	U
Match incoming calls from PSTN Gateway to users	IX	U	U
Mix SIP url, PSTN number and internal numbers	IX	U	U
Use ordinary SIP account as PSTN gateway in and out for all users	IX	U	U
ENUM lookup	IX	U	U
Spam Control (blacklist, whitelist, authentication)	IX	U	U
Quality of Service (QoS)			
Tag Traffic for Prioritization in Subsequent Network Equipment (DiffServ)		X	X
Prioritization of SIP Media Streams, Upstream and Downstream	IX	X	X
Call Admission Control		X	X
Telephony Gateway (FXO port)			
FXO Port (routing SIP IP Telephony calls to and from telephone network (PSTN))	IX		X
For emergency calling and other locals calls	IX		X
Integrate incoming calls on existing number with SIP VoIP	IX		X
Back up if VoIP providers service unavailable	IX		X
Headset or Analogue Phone Port (SIP Client)			
Simple FXS port (for headset or analogue phone – ring signal in IX66)	IX		X
Call Using DTMF or GUI			X
Send Caller ID to connected phone			X
Other Features			
Web based configuration		X	X
Telnet CLI configuration		X	X
Upgradeable Firmware		X	X
Keys and Display	IX	X	X
Email Notification on Display	IX	X	X
Smart Card Reader	IX	X	
System Support		Independent	Independent
Ordering info			
Ordering number		IX66+edflcw ADSL VPN	IX66+edflwos ADSL
Availability		Now	Late 2004

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Subject to change without notice.
 For more information please see www.intertextdata.com

Specifications:
 Supported Protocols: RFC1483, PPPoE, PPPoA, IP, ICMP, TCP, UDP, FTP, SIP, CHAP, PAP, SNTP, POP3
 CE, FCC
 Certification: CE, FCC
 Dimensions, weight: 180 x 130 x 25 mm, 0.3 kg
 Power Supply: 9-10 V DC, 600-700 mA
 Voice Codecs: G.711, G.729, G.729A

See feature table for “IX66 Broadband Access router with ADSL Modem - Basic Models” for more models.