



SurfinBird IX68 Broadband Access Router with ADSL modem

Features	Note	SurfinBird IX68 ADSL	SurfinBird IX68 ADSL GW2	SurfinBird IX68 ADSL Air	SurfinBird IX68 ADSL Air GW2
ADSL					
ADSL full rate (G992.1/T1.413)		X	X	X	X
ADSL 2+ (G992.3, G992.5)		X	X	X	X
Annex M (extended upstream speed)		X	X	X	X
Annex A / Annex B / Annex C *		X	X	X	X
Access Router					
NAT/PAT		X	X	X	X
DHCP Server / Client		X	X	X	X
Local DNS Server		X	X	X	X
Dynamic DNS Client		X	X	X	X
LAN Support - Separate Subnets		X	X	X	X
DMZ		X	X	X	X
Ethernet Ports		4	4	4	4
PPPoE, PPPoA		X	X	X	X
RIP1, RIP2		X	X	X	X
VLAN 802.1p/q *		X	X	X	X
Auto Login and Keep-alive *		X	X	X	X
Throughput (WAN ↔ LAN through firewall)		Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbps
Firewall					
Router-based		X	X	X	X
Packet Filtering		X	X	X	X
Stateful Inspection		X	X	X	X
Proxy Firewall		X	X	X	X
Game and Application Support		X	X	X	X
Selectable Firewall Security Levels	IX	X	X	X	X
Port and IP Redirections		X	X	X	X
Manual Firewall Rule Edit	IX	X	X	X	X
VPN Pass Through (multiple clients): SSH, PPTP, IPsec ESP Tunneling Mode, IPsec NAT-T (IPsec over UDP)		X	X	X	X
Wireless					
IEEE 54Mb/s 802.11g Access Point				X	X
MAC Address Filtering				X	X
WEP encryption 64 and 128 bits				X	X
WPA Encryption, 802.11i				X	X
Antenna:				1 Fixed	1 Fixed
Status and Logging					
Network Status	IX	X	X	X	X
System Log		X	X	X	X
Firewall Log		X	X	X	X
Export to External Syslog Server		X	X	X	X
SNMP v1, v2c and v3 *		X	X	X	X
Quality of Service (QoS) for VoIP					
Tag Traffic for Prioritization of SIP Media Streams in Subsequent Network Equipment (DiffServ and TOS)	IX	X	X	X	X
802.1p/q QoS *		X	X	X	X
Prioritization of SIP Media Streams Upstream		X	X	X	X
Call Admission Control for SIP	IX	X	X	X	X

X = Standard feature

IX = Intertex specific feature, not found in mainstream routers

U = Upgradeable Feature

*** Feature planned for free upgrade (Timing TBD)**

Subject to change without notice.

For more information please see www.intertextdata.com

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SIP Support (IP Telephony (VoIP), Video, Presence, Instant Messaging and more)					
SIP Server (Proxy and Registrar), up to 5 users free	IX	X	X	X	X
True SIP Transparent Firewall (between LAN and the Internet)	IX	X	X	X	X
Upgrades Available to Allow for a Larger Number of Registered Users (at cost)	IX	X	X	X	X
Works as SIP server for Own Domain	IX	X	X	X	X
Upgradeable to SIP Switch (PBX-like Functionality, at cost)	IX	X	X	X	X
Support for T.38 Data Streams Signalled Using SIP/SDP *	IX	X	X	X	X
Simultaneous SIP calls through firewall	IX	~ 30	~ 30	~ 30	~ 30
SIP Switch (PBX-like functionality) (upgrade package)					
Internal Extension Numbers	IX	U	U	U	U
Dialling Plan (Trap Number, Route to PSTN Gateway, Check ENUM)	IX	U	U	U	U
Dial 0 or 9 for Outside PSTN Line (like a PBX, Optional)		U	U	U	U
Incoming Call Processing (forward in sequence or parallel and to voice mail server)	IX	U	U	U	U
Match Incoming Calls from PSTN Gateway to Users	IX	U	U	U	U
Mix SIP URL, PSTN Number and Internal Numbers	IX	U	U	U	U
Use Service Provider's Ordinary SIP Account as Gateway to the Telephone Network (PSTN) In and Out for All Users	IX	U	U	U	U
ENUM lookup	IX	U	U	U	U
Spam Control (blacklist, whitelist, authentication)	IX	U	U	U	U
SIP ↔ Telephone Network Gateway (FXO port)					
FXO Port accessible from LAN and WAN with authorization	IX		X		X
For Emergency Calling and Other Locals Calls	IX		X		X
Integrate Incoming Calls on Existing Number with SIP VoIP	IX		X		X
Back up if VoIP Provider's Service Unavailable	IX		X		X
Forward incoming calls and collect extension numbers	IX		X		X
FXS Port for Analogue Telephone (Becomes SIP Client)					
FXS Port accessible from LAN and WAN	IX		2		2
Can register at Internal or Service Providers SIP Server	IX		X		X
Dial Using DTMF or GUI (e.g. for URL calling)			X		X
Caller ID methods: V.23, Bell 202, DTMF			X		X
Fallback to telephone line at power loss			X		X
Telephony Functions (Caller-id, Call Waiting, Call Hold, 3-way Calling, Attended and Blind Transfer)			X		X
Other Features					
Email notification *	IX	X	X	X	X
Web Based Configuration		X	X	X	X
Telnet CLI Configuration		X	X	X	X
TR-069 *		X	X	X	X
Upgradeable Firmware		X	X	X	X
Keys and Display	IX	X	X	X	X
System Support		Independent	Independent	Independent	Independent
Ordering info					
Ordering Number		IX68-e4d ADSL	IX68-e4dos2 ADSL	IX68-e4dw ADSL	IX68-e4dwos2 ADSL

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*** Feature planned for free upgrade (Timing TBD)**

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 For more information please see www.intertexdata.com
 Supported Protocols: IPSec, IKE, GRE, L2TP, PPTP, PPPoE, IP, ICMP, TCP, UDP, FTP, SIP, CHAP, PAP, SNMP, POP3, DNS

FXS and FXO port features: G.711, G.729, G.729A Voice Codecs, G.168 Echo Cancelling, Silence suppression and comfort noise generation, In or Out of Band DTMF, Digest Authentication

Certification: CE, FCC
 Dimensions: 165 x 154 x 35 mm, (excl. stand and antenna)
 Weight: 0.3 kg (excl. power supply)
 Mounting: Vertical (with stand), wall mount
 Power Supply: 12 V DC, 1A