



## 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
<b>ADSL</b>					
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
<b>Access Router</b>					
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
<b>Firewall</b>					
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
<b>Wireless</b>					
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
<b>Status and Logging</b>					
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
<b>Quality of Service (QoS) for VoIP</b>					
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](http://www.intertextdata.com)

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<b>SIP Support (IP Telephony (VoIP), Video, Presence, Instant Messaging and more)</b>					
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
<b>SIP Switch (PBX-like functionality) (upgrade package)</b>					
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
<b>SIP ↔ Telephone Network Gateway (FXO port)</b>					
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
<b>FXS Port for Analogue Telephone (Becomes SIP Client)</b>					
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
<b>Other Features</b>					
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
<b>Ordering info</b>					
Ordering Number		IX68-e4d ADSL	IX68-e4dos2 ADSL	IX68-e4dw ADSL	IX68-e4dwos2 ADSL

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 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