



IX67 Internet Gate with Firewall

Features	Note	SurfinBird IX67 FW	SurfinBird IX67 FW GW2	SurfinBird IX67 FW Air	SurfinBird IX67 FW Air GW2				
Access Router									
NAT/PAT		X	X	X	X				
DHCP Server		X	X	X	X				
DHCP Client		X	X	X	X				
Local DNS Server		X	X	X	X				
Dynamic DNS Client		X	X	X	X				
LAN Support	IX	X	X	X	X				
Ethernet Ports		5	5	5	5				
PPPoE		X	X	X	X				
Auto Login and Keep-alive	IX	X	X	X	X				
Throughput (WAN ↔ LAN through firewall)		up to 40 Mbps	up to 40 Mbps	up to 40 Mbps	up to 40 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				
VPN Server & Client (upgrade package)									
Protocol:	IPsec	L2TP	PPTP			U	U	U	U
Crypto:	DES, 3DES Hardware accelerated* AES in Software Diffie-Hellman: group 1, 2 and 5	L2TP over IPsec				U	U	U	U
Identification:	X.509 Certificate, Pre-shared key	Pass-word	Pass-word			U	U	U	U
Authentication:	RSA, DSS	PAP/CHAP	PAP/CHAP			U	U	U	U
Key Length:	2048, 1024, 512					U	U	U	U
Authentication methods:	HMAC with MD5, HMAC with SHA-1					U	U	U	U
VPN Server & Client Configuration Wizards						IX	U	U	U
Creation of Client Certificates						IX	U	U	U
Wireless									
IEEE 54Mb/s 802.11g Access Point								X	X
Wireless Access Point Security: WEP encryption 64 and 128 bits								X	X
MAC Address Filtering								X	X
WPA Encryption								X	X
Antenna: Fixed or removable with SMA connector								2 SMA	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				
VPN Log		X	X	X	X				

* Free software upgrade planned. Timing TBD.

X = Standard feature

IX = Intertex specific feature, not found in mainstream routers.

U = Upgradeable Feature (at cost)

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Features	Note	SurfinBird IX67 FW	SurfinBird IX67 FW GW	SurfinBird IX67 FW Air	SurfinBird IX67 FW Air GW
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
Prioritization of SIP Media Streams Upstream		X	X	X	X
Prioritization of SIP Media Streams Downstream	IX	X	X	X	X
Call Admission Control for SIP	IX	X	X	X	X
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
Useable 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)	IX	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)	IX		X		X
Caller ID (methods: V.23, Bell 202, DTMF)	IX		X		X
Fallback to telephone line at power loss	IX		X		X
Telephony Functions (Caller-id, Call Waiting, Call Hold, 3-way Calling, Attended and Blind Transfer)	IX		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
Upgradeable Firmware		X	X	X	X
Keys and Display	IX	X	X	X	X
System Support		Independent	Independent	Independent	Independent
Ordering info					
Ordering Number		IX67-e5d PF	IX67-e5dos2 PF	IX67-e5dw PF	IX67-e5dwos2 PF

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Subject to change without notice.

For more information please see www.intertexdata.com

Specifications:

Supported Protocols: IPsec, IKE, GRE, L2TP, PPTP, PPPoE, IP, ICMP, TCP, UDP, FTP, SIP, CHAP, PAP, SNTp, 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:

Optional wall hanging

Power Supply:

12 V DC, 1A