I-Fly Wireless Router ADSL
4 Fast Ethernet ports, Firewall, VPN with 3DES accelerator

A02-WRA4-54G

ATLANTIS LAND

where solutions begin

WIRELESS

Upgradeable to ADSL2

VPN IPSec DES/3DES accelerator

PLUS

- High-Speed Internet access with ADSL
- Upgradeable to ADSL2
- IEEE802.11g Wireless AP(up to 54Mbps) with WPA Support
- Greater Range (2 X 5Dbi Antennas)
- 4 Port 10/100Mbps Fast Ethernet Switch
- High Performance VPN IPSec Connection (up to 16 VPN tunnels)
- Quality of Service and IP Throttling
- Firewall with NAT, DoS and SPI
- Parental control with packet filtering and URL Blocking
- Easy WEB (and remote) management

WHY TO BUY

Broadband Sharing and IP sharing

The I-Fly Wireless Router ADSL supports 4 ports 10/100 Mbps auto-negotiating Fast Ethernet for connection to your local area network (LAN) and downstream (with built-in ADSL modem) rate up to 8Mbps.

With integrated IEEE802.11g Wireless Access Point, the device offers quick and easy access among wired network and wireless network. The I-Fly Wireless Router also supports WPA security, it increases the level of data protection and access control for Wireless LAN.

Power by NAT technology, dozens of network users can surf on the Internet and share the ADSL connection simultaneously by using one ISP account and one single IP address. Firmware upgradeable to ADSL2.

Quality of Service and IP Throttling

QoS gives you full control over which types of outgoing data traffic should be given priority by the router, ensuring important data like gaming packets move through the router at lightning speed, even under heavy load.

If you have ever found your net speed has slowed to a crawl because another family member is using a P2P file sharing program, you'll understand why the Quality of Service (QoS) features on the router are such a breakthrough.

Using IP Throttling, bandwidth limits can be enforced on any system within your LAN, or even on a particular application.

Firewall Security with (SPI, DoS) and VPN (IPSec, PPTP)

The I-Fly Wireless Router ADSL offers not only NAT but also provides powerful firewall, which are able to filter the advanced hacker pattern. It can automatically detect and block Denial of Service (DoS) attacks and thanks to the ability of Stateful Packet Inspection (SPI) it determines if a data packet is allowed through the firewall to the private Lan. It manages the VPNs IPSec or PPTP, for establishing a private tunnel over the public Internet to ensure transmission security between two or more sites. With built-in DES/3DES accelerator, the router enhances the IPSec VPN performance significantly. Up to 16 simultaneous VPN tunnels are supported.

Easy Configuration and Management

Support web based GUI, Telnet and Hyperterminal for configuration and management. Also supports remote management (Web and telnet) capability for remote user to configure and manage this product. It incorporates besides a client DynamicDNS

HELP DESK SERVICE

FAST SWAP
3 YEARS WARRANTY

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WIRELESS

4-port 10/100Mbps Fast Ethernet Switch

Quality of Service (QoS) and IP Throttling

Reset and Power Switch

Technical Features:

Interfaces
WAN(ADSL/ADSL2): RJ11
LAN: 4 RJ45 10/100 Base-T Ethernet
Wireless: 2 X 5Dbi Antennas
Console: 1 cable PS2-RS232(DB9)
9 diagnostic LEDs, Reset and Power Switch

Standards ADSL/ADSL2/ATM/PAYLOAD
ADSL: ANSI T1.413 issue 2 / ITU-T G.992.1 (G.dmt) (8Mbps download, 1Mbps upload)
            G.992.2 (G.lite) (8Mbps download, 1Mbps upload) / G.992.4 (G.hs)
ADSL2: ITU G.992.3 (G.dmt.bis) (12Mbps download, 1Mbps upload)*
ATM: ATM AAL2/AAL5 and ATM service class : CBR, UBR, VBR-rt, VBR, ATM Forum UNI 3.0, 3.1 and 4.0
Payload encapsulation: RFC 2364 (PPPoA), RFC 2516 (PPPoE), RFC 1483 Routed and Bridge and RFC 1577(IPoA)

Wireless
Standard IEEE802.11g and IEEE802.11b
DSSS(Direct Sequence Spread Spectrum)
Modulation: QPSK / BPSK / CCK and OFDM
RF Frequency/ Operating Channel:2.400 GHz ~2.4835GHz /13 (Europe)
Data Rate (with automatic adaptation): 802.11g: Up to 54Mbps (with Automatic Fall-Back)
Intersil's Nitro Technology [higher overall performance in the real world environment]
Coverage Area: [Outdoor <100M / Indoor <30M]
2 X 5Dbi external detachable Antennas (reverse SMA)
Wi-Fi Protected Access (WPA) and WEP 64/128

Firewall & Security
Rich packet filter , Content filter, Mac Filtering, URL blocking and Keywords Filtering
DoS, Intrusion Detection, Stateful Packet Inspection, System security Log and real time attack alert
NAT, PAP, CHAP

VPN
PPTP Client/Server embedded [Key Length:40 or 128 bit / Mode: Stateful, Stateless]
IPSec embedded (AH, ESP, IKE) [Authentication: MD5, SH1 / Encryption: DES, 3DES, AES]
With built-in DES/3DES accelerator [up to 3.5Mbps], the router enhances the IPSec VPN performance significantly.
VPN Pass-Through

Management
Easy Web GUI (also remote), Telnet (also remote), Hyperterminal and SNMP [v1,v2 & v3] for configuration
Firmware upgrade from local (Web, Telnet, PS2 port) or remote site (Web, Telnet)
SysLog & Recovery disaster (PS2 port)

Network Protocols
RIP1, RIP2, STATIC ROUTING,IP, ICMP, TCP, UDP, IGMP
Virtual Server, Universal Plug-and-Play(UPnP) & DMZ
DHCP Server, Client & Relay / DNS Relay / POP3(check account e-mail)

Advanced Characteristics
Dynamic DNS (Dyndns, Zoneedit, Orgdns,Dhs, Dyns, Minidns, No-ip)
IP Throttling: [Using IP Throttling, bandwidth limits can be enforced on any system within your LAN, or even on a particular application]
Quality of Service:[The Prioritization functions allow you to specify which packets have priority and should not be delayed, and/or which packets have low priority and should be moved to the end of upload queues.]

Physical and Environmental
Power Consumation: (12V ± 5%, 1A)
Dimensions/ Weight: 210mm*145mm*32mm / 350g
Temperature Operating:[0°C to 40°C], Storage:[-20°C to 65°C], Humidity: 5-95% (without condensing)

Package contents
I-Fly Wireless Router ADSL with CD-ROM containing the online manual (English, French and Italian), firmware and SNMP software
Quick start guide (English, French, Italian, German and Spanish)
RJ-11 ADSL/telephone cable, CAT-5 LAN cable, RS232(DB9)-PS2 cable and AC-DC power adapter (12V, 1A)

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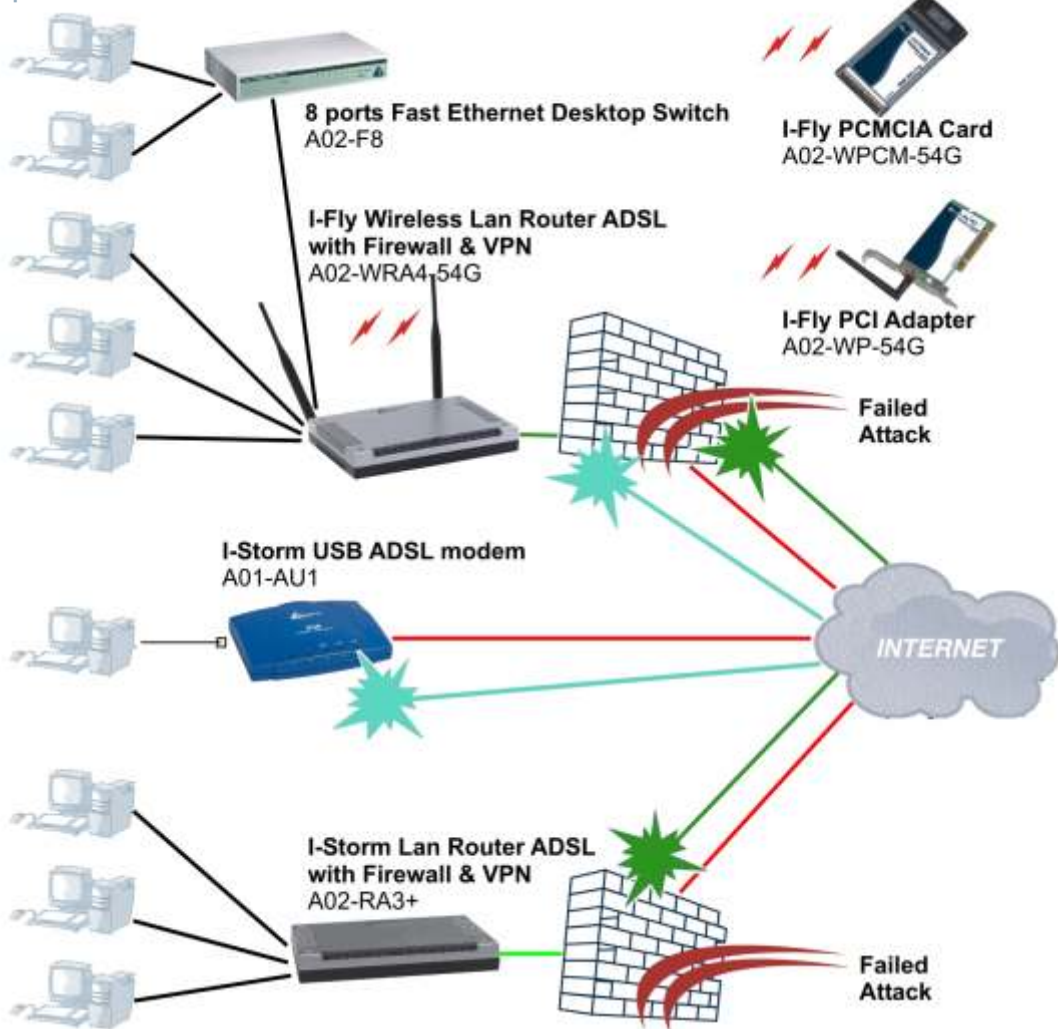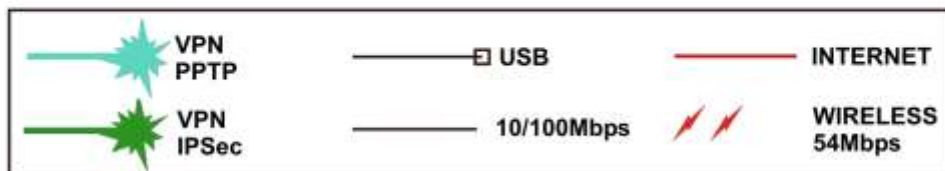
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WIRELESS

Application:

SNMP
Software Included

8 ports Fast Ethernet Desktop Switch
A02-F8

I-Fly PCMCIA Card
A02-WPCM-54G

I-Fly Wireless Lan Router ADSL
with Firewall & VPN
A02-WRA4-54G

I-Fly PCI Adapter
A02-WP-54G

Failed
Attack

I-Storm USB ADSL modem
A01-AU1

INTERNET

I-Storm Lan Router ADSL
with Firewall & VPN
A02-RA3+

Failed
Attack

LEGENDA

VPN PPTP	USB		INTERNET
VPN IPSec	10/100Mbps		WIRELESS 54Mbps

WARRANTY 36 MONTHS "ON SITE"!

This ATLANTIS LAND® Networking product is warranted for 36 months with immediate substitution .
Due to the absolute relevance of this product ATLANTIS LAND® will send directly to the final customer the new substitutive product as soon as it will receive information about the defect and it will also retire the previous product . For defect we mean any kind of non functioning with the exclusion of natural phenomena and clear fraud.
The instructions for obtaining the substitution are wrote down in the hand book attached to the ATLANTIS LAND® product and on the web site www.atlantis-land.com.

PRODUCT: I-Fly Wireless Router ADSL
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EAN CODE: 8026974008165