

IGR-1500

Four-WAN Internet Gateway

AirLive IGR-1500 is a cost-efficient Internet Gateway—with four built-in WAN ports—that provides both Inbound and Outbound Load Balance features. With MIPS-based CPU, IGR-1500 can handle around 80 ~ 100 computers and can provide stable and versatile connecting quality as well. With the combination of multiple WAN and load balance features, IGR-1500 can enlarge the useful bandwidth for cyber café, medium office, or Internet on-line game room in a cost-effective manner. With load balance functions, there is no more worry for the Internet connection needed.



Maximum
4 WANs

3 Work
Modes

Outbound
Load Balance

Inbound
Load Balance

Ultra
Smart sharing

QoS

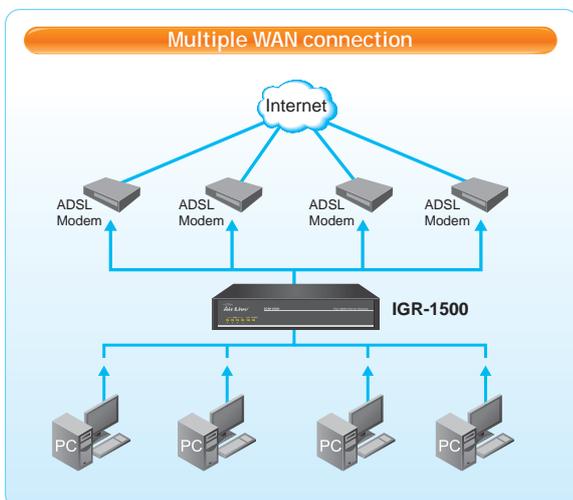
DoS

Multi-NAT

AirLive presents you two different models of Multi-WAN Internet Gateway, IGR-1500 and IGR-2500. Both devices feature multiple WAN connection and load balance function. Each of the two models also has its own characteristics as shown:

Multiple WAN Connections

Up to 4 WAN connections are supported with IGR-1500. As a result, the network constructor can easily combine many ADSL or cable connections to increase the total bandwidth.



| Model Name | IGR-1500 | IGR-2500 |
|---------------------------------|----------------------------|----------------------|
| CPU | Cavium CPU 150MHz | Intel IXP 425 533Mhz |
| RAM / Flash | 16 M / 2 M | 128 M / 4M |
| Max. WAN Interface | 4 | Up to 5 |
| Inbound / Outbound Load Balance | Yes | Yes |
| Ultra Smart Sharing | Yes | Yes |
| QoS | Yes | Yes |
| Work Mode | Gateway, Router, Basic NAT | Gateway |
| Intrusion Security | Yes | Yes |
| ARP Protection | No | Yes |
| IM Blocking | No | Yes |
| Max. Computers | 80 ~ 100 | 300 ~ 400 |

Outbound Load Balance

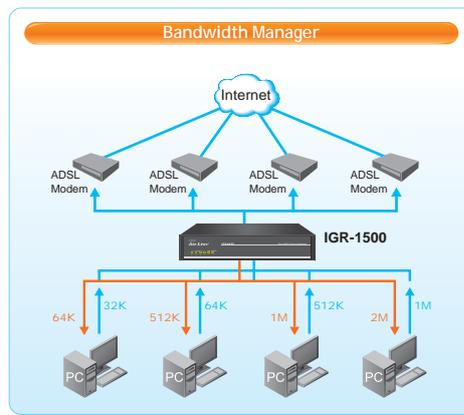
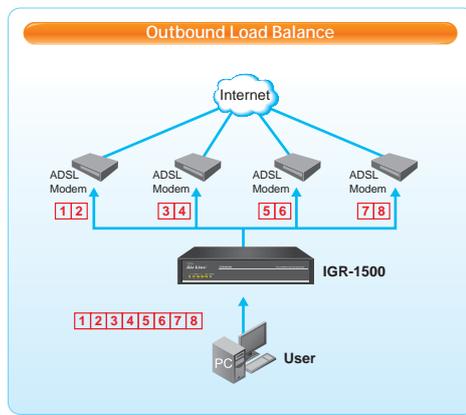
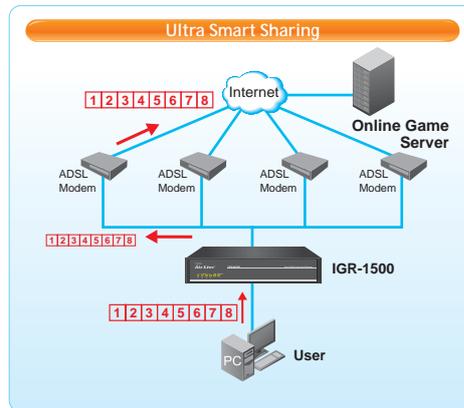
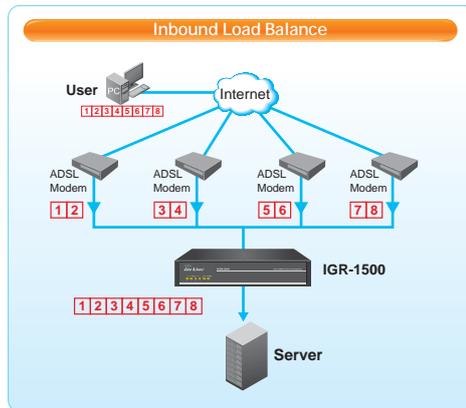
The Outbound Load Balance function can increase the useful bandwidth and prevent network bottleneck. With various types of the balance mode (Session, Weighted Round Robin, and Dynamic Traffic) to choose from, the user can enlarge the useful bandwidth quite easily without expensive charge.

Manufacturer

OvisLink Corp.

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Inbound Load Balance

Inbound Load Balance feature not only redistributes the incoming packets evenly to LAN server but also provides the fail-over function to guarantee the connection working smoothly. With different types of the balance mode (Session and Weighted Round Robin) to choose from, the user can select the most suitable one for current environment.

Ultra Smart Sharing

Ultra Smart Sharing function can prevent disconnection from a banking system or an Internet on-line game server—due to one single user attempting to access those systems with dual IP addresses.

Work Mode

IGR-1500 provides **Gateway**, **Router** and **Basic NAT** modes—these flexible characters enable wide usage of IGR-1500 for network deployment.

QoS

IGR-1500 can manage the bandwidth by services and IP addresses—to guarantee the access bandwidth and keep the service server working properly.

Intrusion Security

Embedded with protected mechanisms to secure internal client, including Local IP Filtering, Intrusion Security, DoS, and URL Filtering.

Specifications

Hardware

- Processor: Cavium CPU with 150MHz
- Memory: 2M Flash, 16M DRAM
- Reset Button
- Power: DV 5V, 2.8A
- Dimension: 270 x 180 x 50 mm
- Weight: 1kg

Interface

- WAN: 4 x 10/100Mbps Ethernet RJ-45 port, Auto-sensing
- LAN: 1 x 10/100Mbps Ethernet RJ-45 port, Auto-sensing

Work Mode

- Gateway
 - All functions enable
- Router
 - NAT function disable
 - Not support PPPoE
- Basic NAT
 - Simple NAT function
 - All functions enable except IP packet filtering and DoS defense

Load Balance

- Outbound Load Balance: balance types are
 - Session
 - Weighted Round Robin
 - Dynamic Traffic
 - Ultra Smart Sharing
- Inbound Load Balance: balance types are
 - Session
 - Weighted Round Robin
- Special Application
- Special IP Assignment
- ToS

Bandwidth Management

- By IP Address
- By Service

Security

- Local IP Filtering
- DoS
- URL Filtering

System

- WAN Configuration
 - Dynamic
 - PPPoE
 - Static IP
- Schedule
- Routing
 - Static Route
 - Dynamic Route
 - RIP1
 - RIP2
- Virtual Server
- Multi-NAT
- DDNS
- Proxy Relay
- VoIP Pass-through
 - H.323
- VPN Pass-through
 - IPSec
 - PPTP

Log

- Mail Alert
- On-line monitor

Environment

- Temperature: 0 ~ 40°C (Operating)
-10 ~ 60°C (Storage)
- Humidity: 10% ~ 95%

Certificates

- CE, FCC

Ordering Information:

IGR-1500 Four-WAN Internet Gateway