



IG 4110S & 4210S

IG 4 S-series is made for the needs of Service Providers. Built on the success of its predecessor, the InnGate, IG 4 S-series is an all-in-one gateway that has better and advanced bandwidth management, more authentication methods, and analytics.



Standard Features

Plug & Play Zero Configuration Network

- Supports static and dynamic (DHCP) IP addresses
- Supports selective DHCP scope per VLAN
- Adaptive Domain Name Services (DNS)
- Transparent web proxy
- Application NAT (VPN, SIP, RSTP, MMS, H323)
- IPv6 support

PMS-Driven High-Speed Internet

- PMS Authentication:
 - TCP/IP: Micros Fidelio / Opera, Enhanced Opera extensions, Galaxy Lightspeed
 - Serial: Micros Fidelio / Opera, FCS, Softbrands, Hobic, Prologic, Comtrol, Protel, Agilysys, etc.
- Special VIP Guest Processing
- Guest messaging & express checkout

Guest-Aware Bandwidth Optimization

- Application traffic prioritization
- Guest-aware multi-tier QoS (Basic / Premium / Guaranteed)
- Shared bandwidth rate limit across multiple devices
- Volume control

Multiple Authentication & Billing Interfaces

- Complimentary access
- User ID and password authentication (local accounts)
- Access code authentication (local accounts)
- MAC-level authentication for non-HTTP devices
- PMS authentication and Billing
- Social media: Facebook, Google, Twitter, Instagram, Line, WeChat, LinkedIn, Office 365
- Auto-login (no login page)
- Email / SMS authentication
- Account Printer support

Credit Card Authentication & Billing

- Worldpay, Authorize.net, Payflow Pro, Payflow Link

Guest Management & Content

- Seamless relogin
- Seamless wired & wireless roaming
- Auto logout of inactive guests
- Forced logout of guests
- Departed device detection and logout
- HTTP / HTTPS / IP walled garden
- Smartphone / tablets friendly
- Location / VLAN-based content delivery
- Customizable, responsive login pages
- Admin-assisted login

Concurrent / Multi Business Model Support

- Unlimited duration and volume
- Fixed duration
- Stored duration
- Stored volume: 2 modes (logout / throttled)
- Fair-use

Centralized License Management

RADIUS / WISPr

- RADIUS authentication and billing
- Support for Wireless Internet Service Provider roaming

Dashboards

- Business, System, and Network

VPN Support

- Multiple IP for Network Address Port Translation (NAPT)
- User-provisioned routable public IP address

Account Printer Support

- Generate Internet access account quickly with a single button press

Lawful Intercept

- Monitoring of networks
- Comply with legislative requirements
- Local storage of logs

Security & Reporting

- Private Area Network (PAN)
- Site / domain filtering
- Access control to web administration GUI
- MAC-based blacklist
- Anti-Spam and Anti-DoS features
- DoS event alerts
- Configurable plan-based firewall
- 802.1Q VLAN security
- Web session rate limit
- Real-time reporting on authenticated guest and detected devices
- Guests, device and web-page access logging
- Graphical presentation of system reports

Reliability

- High Availability Offering (Active-Passive)
 - Real-time HA disk replication
 - Fail-over within 1 minute, typically 30 seconds
- Configuration Backup and Restore Function
- Dual WAN link load-balancing

System Management & Administration

- Supports SNMPv2
- Network Time Protocol (NTP) server
- Configurable DHCP server / relay
- SMTP server / relay
- Remote Syslog
- External HTTP web proxy
- Remote edge device (switches / hubs / access points) monitoring
- Two-tier console CLI support via SSH
- Configurable tiered access for web admin
- Admin access audit logs
- DNS Record Hosting
- ANTLabs Cloud Services (ACS) Support

Event Scheduling

- Preschedule events
- Visitor digital experience customization
- Event reports generation



Specifications

Model	IG 4110S	IG 4210S
Max Capacity	800	7000
Max VLANs	500	2000
Max Throughput ¹	940 Mbps	974 Mbps
Max PPS	50,000	200,000
Supported NIC Interfaces	10/100/1000 Base-T	
Network Interfaces	LAN Port, WAN Port, WAN 2 Port, HA Port	LAN Port, WAN Port, OPT 1 (HA / Management Port), OPT 2 (WAN 2 Port), OPT 3, OPT 4
COM	1 x RS232 (RJ 45) PMS Port	
Power Supply	1 x 10W; auto-ranging 100v~240V	1 x 250W; auto-ranging 100V~240V
Weight	Net: 1.1 kg Shipping: Varies depending on quantity	Net: 7.3 kg Shipping: 8.3 kg
Dimensions	Actual unit: 175 (W) x 125 (D) x 37 (H) mm Shipping: Varies depending on quantity	Actual unit: 440 (W) x 425 (D) x 50 (H) mm Shipping: 550 (W) x 640 (D) x 210 (H) mm
Certifications	CE, FCC	CE, KCC, FCC
Included Modules	High Availability	High Availability, Management Port
Add-on Modules		
Property Management System	✓	
Payment	✓	
Volume Control	✓	
Multi-WAN	✓	
Account Printer Support	✓ Max 10	✓ Max 20
Lawful Intercept	✓ Syslog + Local	
Advanced QoS	✓	
RADIUS & WISPr	✓	
Event Manager	✓ 15 Events	
Personal Area Network	✓	

¹ As defined by RFC1242, Section 3.17