



IG 4110

IG 4110 is a full-featured gateway that enables you to start small and pick only the features you need for your network. It is ideal for smaller (100-150 room) properties such as boutique hotels, hostels, healthcare facilities and many more.



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
- 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

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

Lawful Intercept

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

Security & Reporting

- Personal 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 4110			
	200	400	600	800
Factory Default User License ¹	200	400	600	800
Max User License	Unlimited ³			
Max VLANs	500			
Max Throughput ²	940 Mbps			
Max PPS	50,000			
Supported NIC Interfaces	10/100/1000 Base-T			
Network Interfaces	LAN Port, WAN Port, WAN 2 Port, HA Port			
COM	1 x RS232 (RJ 45) PMS Port			
Power Supply	1 x 10W; auto-ranging 100v~240V			
Weight	Net: 1.1 kg Shipping: Varies depending on quantity			
Dimensions	Actual unit: 175 (W) x 125 (D) x 37 (H) mm Shipping: Varies depending on quantity			
Certifications	CE, FCC			
Included Modules	High Availability			
Add-on Modules				
Property Management System	✓			
Payment	✓			
Volume Control	✓			
Multi-WAN	✓			
Account Printer Support	✓ Max 10			
Lawful Intercept	✓ Syslog + Local			
Advanced QoS	✓			
RADIUS & WISPr	✓			
Event Manager	✓ 15 Events			
Personal Area Network	✓			

¹ Detected Devices: Upgrades are available at increments of 200 user licenses.

² As defined by RFC1242, Section 3.17

³ Device capacity: 800