



## IG 4

IG 4 supports the needs of guest networks such as hotels, waiting rooms, business centers and F&B. It is an all-in-one gateway targeted at the hospitality sector. Built on the success of its predecessor, the InnGate, IG 4 has an even better and advanced bandwidth management, more authentication methods (i.e. Login via Facebook, Google+, and Twitter) and analytics.



## Standard Features

### Plug & Play Zero Configuration Network

- Supports static and dynamic (DHCP) IP addresses
- 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, Control, 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 authentication: Facebook, Google+, Twitter

### Credit Card Authentication & Billing

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

### Guest Management & Content

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

### RADIUS / WISPr

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

### Concurrent / Multi Business Model Support

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

### Dashboards

- Business
- System
- 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

- URL / Content 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



## Specifications

Model	IG 4200				
	500	1000	2000	∞	HA
Default User License <sup>1</sup>	500	10000	2000	∞	Same as base unit
Max User License	Unlimited <sup>3</sup>				
Max VLANs	1000				
Max Throughput <sup>2</sup>	974 Mbps				
Max PPS	200,000				
Supported NIC Interfaces	10/100/1000 Base-T				
Network Interfaces	HA Port, LAN Port, WAN Port, Management Port, WAN2 Port				
COM	1 x RS232 (DB9) Console Port				
Weight	Net: 7.1 kg Gross: 13.1 kg				
Dimensions	1U 434 (W) x 394.3 (D) x 42.4 (H) mm Shipping: 829 (W) x 610 (D) x 267 (H) mm				
Remote Management	1 x Network Remote Management KVM Port				
Certifications	SCC, CNCA or CCC, CE, TUV, IECCE CB, KSA ICCP, NRCS, BSMI, NRTL, ACMA or C-Tick, ICES, VCCI, GS, GOST, SABS, KCC, FCC, ICT				
Included Modules	High Availability, Management Port				
<b>Add-on Modules</b>					
Property Management System	✓				
Payment	✓				
Volume Control	✓				
Multi-WAN	✓				
Account Printer Support	✓ Max 20				
Lawful Intercept	✓ Syslog + Local				
Advanced QoS	✓ 3 Tiers				
RADIUS & WISPr	✓				

<sup>1</sup> Detected Devices

<sup>2</sup> As defined by RFC1242, Section 3.17

<sup>3</sup> Device limitations: 5000