ANTlabs

IG 3100
Product Data Sheet

IG 3100 lets you control your network usage via bandwidth and volume thresholds, generate login portals, customize further by using our powerful APIs, integrate with billing systems and property management systems, and provide an all-in-one, one-stop solution for provisioning Internet services.

Standard Features

Plug & Play Zero Configuration Network
- Supports static and dynamic (DHCP) IP addresses
- Adaptive Domain Name Services (DNS)
- Transparent Simple Mail Transfer Protocol (SMTP)
- Transparent web proxy
- Application NAT (VPN, SIP, RSTP, MMS, H323)

Guest Management & Content
- Auto logout of inactive guests
- Forced logout of guests
- Departed device detection and logout
- Bandwidth rate limit: device / account
- HTTP / HTTPS / IP walled garden
- Email login reminder
- Smartphone / tablets friendly
- Location / VLAN-based content delivery
- Unique login pages for separate locations
  (Login / Login-Success / Logout)

Multiple Authentication & Billings
- Complimentary access
- User ID and password authentication (local accounts)
- Access codes authentication (local accounts)
- MAC-level authentication for non-HTTP devices
- PMS Authentication and Billing

Concurrent / Multi Business Model Support
- Unlimited duration and volume
- Fixed duration
- Stored duration
- Stored volume – 2 modes (logout / throttled)

PMS Support
- TCP / IP: Fidelio / Opera, Enhanced Opera extensions, Galaxy Lightspeed
- Serial: Fidelio / Opera, FCS, Jurudata, Netretriever, Softbrands, Hobic, RoomMaster, Comance, Brilliant, BrilliantEZ, Prologic, Comtrol, Protel

Credit Card Authentication & Billing
- Worldpay, Authorize.net, Payflow Pro, Payflow Link

RADIUS
- RADIUS authentication and billing

Account Printer Support
- Generate internet access account quickly and easily with a single button press

Traffic Management / QoS
- Application traffic prioritization
- Two-tier QoS (Complimentary / Premium)
- Volume control
- Advanced WAN link load-balancing
- IPv6 support

Lawful Intercept
- Monitoring of networks
- Comply with legislative requirements

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 quest and detected devices
- Guest, device and web-page access logging
- Graphical presentation of system reports

Reliability
- High availability offering (active-standby)
- Configuration backup and restore function
- Anti-DoS automated defense mechanism

System Management &Administration
- Supports SNMPv2
- Network Time Protocol (NTP) server
- File Transfer Protocol (FTP) server
- Configurable DHCP Server/Relay
- Remote Syslog
- User-provisioned routable public IP address
- External HTTP web proxy
- Remote edge device (switches / hubs / access points) monitoring
- Multiple IP for Network Address Port Translation (NAPT)
- Secure Socket Layer (SSL) certificate management
- Secure HTTPS connection to Admin page
- Two-tier console CLI support
- Configurable tiered access for web admin
- Admin access audit logs

Specifications

Model	IG 3100
Default User License[1]	100
Max User License	400
Max VLANs	300
Max Throughput[2]	450 Mbps
Max PPS	50,000
Supported NIC Interfaces	10/100/1000BaseT
Network Interfaces	1 x LAN Port 2 x WAN Port 1 x HA Port
COM	1 x RS232 (RJ45) PMS Port
Power Supply	Full range 40W power adapter / 12V
Nett Weight	1.6 KG
Dimensions	225 (W) x 156 (D) x 36 (H) mm
Certifications	CE, FCC, ROHS

Optional Modules

Property Management System	TCP/IP: Fidelio / Opera, Enhanced Opera extensions, Galaxy Lightspeed Serial: Fidelio / Opera, FCS, Jurudata, Netretriever, Softbrands, Hobic, RoomMaster, Comance, Brilliant, BrilliantEZ, Prologic, Comtrol, Protel
Credit Card	Worldpay, Authorize.net, Payflow Pro, Payflow Link
Volume Control	✓
Multi-WAN	✓
Account Printer Support	✓ Max 10
Lawful Intercept	✓ Syslog
Multi-Tier QoS	✓ 2 Tiers
RADIUS	✓
Management Port	✓

[1] Detected Devices. Upgrades are available at increments of 100.
[2] As defined by RFC1242, Section 3.17
All specifications are subject to change.