

# Medium / Large Hotspot Solution

## Internet Subscriber Server

### Secure Access Controller for Medium / Large Hotspot

The ISS-6000 Internet Subscriber Server is a rack mountable intelligent gateway integrated with 2 Ethernet ports (WAN/LAN). Designed for the use in the medium to large environment such as hotel, university campuses and airports, the ISS-6000 Internet Subscriber Server acts as a hotspot access controller and provides plug and play instant Internet access, advanced security & network management.

The ISS-6000 Internet Subscriber Server, which simplified the setup, AAA control, security and comprehensive management of hotspot Internet access by integrating all the key components you need into a single, easy-to-install and intelligent device, is designed for service providers and system integrator to enhance service performance, increase business exposure and cooperative business operation. The ISS-6000 Internet Subscriber Server is a complete, robust integrated solution for rapid deployment of large-scale networks.

With its IP Plug and Play technology, it accepts any client configuration for log-on. The ISS-6000 Internet Subscriber Server immediately recognizes new end-users on the network, remembers returning users and redirects their browser to customized Web pages. There's no need for end-users to change any their default network, e-mail, or browser setting or load any special software to access Hotspot service. It's completely plug and play with any browser.



- ▶ **AG-200E**  
Account Generator  
Thermal Printer  
(with Ethernet Port)

## ISS-6000

The complete and robust Hotspot Solution



## IP Plug & Play

### Key Feature

#### **Integrated Solution for rapid deployment**

The ISS-6000 Internet Subscriber Server is a complete access controller for medium to large hotspots. It is an ideal hotspot solution to be deployed in the hotels, coffee shops, airports and other sites that commonly host business travelers and offers instant high speed Internet connections.

#### **Deliver Instant PnP Connectivity Service**

With its IP Plug and Play technology, the ISS-6000 Internet Subscriber Server helps to solve connectivity problems by offering instant Internet access without the need for configuration changes to the client computer or any client-side software and allow guests to send E-mail as usual without changing SMTP server setting even if their configured SMTP server behinds a corporate firewall.

#### **Complete User Authentication and Accounting**

The ISS-6000 Internet Subscriber Server works with industry-standard RADIUS server that allow administrator to control user's login name and password to fully support AAA (Authentication, Accounting and Authorization).

#### **Comprehensive Security**

The ISS-6000 Internet Subscriber Server provides a fully secure operating environment with VPN pass through, SSL certificate, SSL login page and SSL configuration page.

#### **Complete User Authentication and Accounting**

The ISS-6000 Internet Subscriber Server works with the industry standard RADIUS protocol (RFC2865,2866) that is allowed operator to control user's login name and password to fully support AAA (Authentication, Accounting, Authorization).

#### **Sophisticated Remote Management**

The ISS-6000 Internet Subscriber Server enables operator to manage the device with Web UI, Syslog messaging, E-mail messaging, SNMP and LAN Device Management from remote side, it reduce maintenance overhead.

#### **Enhance Local and Personalized Service**

The login and logout pages are fully customizable. The ISS-6000 Internet Subscriber Server has the ability to let operator redirect end users to a advertising web pages, increase operator potential for revenue and customize locations where end users can visit free (Walled Garden).

#### **Hotel PMS System Support**

The ISS-6000 Internet Subscriber Server works with Hotel's PMS billing system to integrated the Internet access charges and the room charge into one bill..

#### **Proprietary AAA/Billing System**

The ISS-6000 Internet Subscriber Server has proprietary AAA and billing system that is allowed operator to control user for the Internet access and billing mechanism individually without any external authentication server or billing server.

# Topology



# Specification

## Hardware

Feature	Detailed Description
Interface	One LAN Port (10BaseT/100BaseTX auto cross-over) One WAN Port (10BaseT/100BaseTX) Two Serial Port (Two DB9 Female RS232 for Console and PMS application) One Reset Button for factory setting
LEDs Indicators	One Power LED Link/Activity LEDs on WAN and LAN port One System LED
Power Requirement	Internal Universal Switching Power Supply Input: 100-240 VAC, 50/60 Hz Power Consumption: Max. 10W
Dimension	(L)440 x (W)116 x (H) 44 mm
Weight	About 1.7 Kg (Net)
Environment Conditions	Operating Temperature: 0 to 50°C Storage Temperature: -10 to 60°C Humidity: 10%~90% non-condensing 10%~80% condensing
Certifications	FCC part 15 Class B VCCI Class B C-Tick CSA CE
Compliance	RoHS WEEE
Mounting	Rack-mount

## AG-200E Account Generator (Thermal Printer)

Feature	Detailed Description
Interface	Ethernet
Print Width	48mm (Paper width: 58mm)
Paper Length	50M

## Package Contents

One ISS-6000 Internet Subscriber Server
One Power Cord
One CD containing User's Manual and MIB File
One rack-mounting Kit
RS-232 Console Cable
Four Rubber Foot Pad



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## Software

Feature	Detailed Description
IP Plug & Play	Zero End-User Configuration
PMS Integration	PMS Micros Fidelio Protocol Approve (P/N 5009-113) PMS Transaction Logs Support 802.1Q Tag-based VLAN infrastructure
AAA	RADIUS Authentication and Accounting Secondary RADIUS Server Built-in Authentication/Accounting Static and Dynamic Accounting Bandwidth Management WISPr Smart Client
Billing	Flexible Billing Plan Time-based Billing (by minute, hour, day, and week) Traffic-based Billing (via RADIUS VSA) Subscriber Selective Service Port-Location Mapping Credit Card Support
Security	Layer 2 Isolation SSL Secure User Login Process SSL Web-based administration VPN Pass through (IPSec/ PPTP) Authorized Remote Management IP Filtering Session Trace
Networking	NAT (RFC 1631) SMTP Redirection DNS Redirection Various WAN Connection (Static IP/ DHCP Client/ PPPoE/ PPTP Client) DHCP Server and DHCP Relay HTTP Proxy Support NTP Server Support Static Route
Management	Web-based Management Tool TFTP/ HTTP Firmware Upgrade Scheduled Firmware Upgrade Backup/ Restore Configuration Real-time Status List LAN Device Management Syslog/ Email Log SNMP v1/v2 (MIB II and Private MIB)
Local Service	Advertisement URL Link Walled Garden (Free Web Site) Login Page Redirection Customizable log-on Page Passthrough IP/ MAC/ URL Portal Page

Distributor