



ZSW-100W



MxU 1000 Systems

ZSG-100W HotSpot Wireless LAN Solution

The MxU 1000 Systems ZSG-100W Wireless Service Gateway, is a turnkey Wi-Fi spot Local Area Network (LAN) solution. Designed with a proprietary authentication option, integrated billing and receipt printing capabilities, the ZSG-100W allows MHU, public businesses such as coffee shops, bookstores, libraries, and airport terminals as examples to cater to customers seeking Wi-Fi WAP compatible Internet access for transient 802.11b equipment use. By sharing a valuable Internet connection, business service providers can attract new customers and offer Internet access as an income source generator.



The ZSG-100W combines an 802.11b wireless access point, router, 4-port switch, and wireless service gateway all in a single small-footprint. An operator's PC is optional, and a one-button compact portable thermal printer connects directly to the ZSG-100W gateway to allow clerks and cashiers to easily print receipts to collect rental time, with billing and password information for the user. Even better - no back-end system integration is needed. Launching and operating a hot spot has never been easier!

Key Features:

- Standards Compliance**
- IEEE802.3 10BaseT Ethernet
 - IEEE802.3u 100BaseTX Fast Ethernet
 - IEEE802.11b Wireless LAN
 - ANSI/IEEE 802.3 NWay auto-negotiation
 - Wi-Fi Certified

Wireless operation

- Range: Open Space: 300~1000FT; Indoors: 100~325FT.
- Data rate: 11/5.5 / 2 / 1 Mbps with fallback
- Encryption: 64/128/256-bit RC4

Rich Networking Functions

- NAT (RFC 1631)
- DNS Redirection
- Static IP WAN connection
- DHCP Client WAN connection
- PPPoE WAN connection
- PPTP Client WAN connection
- DHCP Server and DHCP Relay
- Transparent HTTP Proxy Support

Easy to use for end users and network administrators

- True plug and play - Zero End-User Configuration
- Built-in Web server for management
- Easy Admin Setup with http://1.2.3.4

User Accounting and Authentication



- Login-page-based Authentication
- User Authentication and Accounting
- Logout Window Timer Control

Robust Security

- V-LAN Security for Wireless and Wired networks
- Secure HTML Login Page (SSL)
- VPN (IPSec/PPTP/L2TP) Pass through

Printer - Account Generator Features

- One button operation to generate account information and print customer receipt
- Easy opening and paper loading
- Compact and lightweight
- High speed printing: 3" per sec
- High Resolution: 203dpi, 8dots/mm

<p>LED Indicators:</p> <ul style="list-style-type: none"> · Power · Link/Activity · Four LAN Link/Activity LEDs · Wireless Link/ActivityStatus 	<p>Physical Interface:</p> <ul style="list-style-type: none"> · WAN: One 10/100Base-T Ethernet · LAN: Four 10/100Base-T Ethernet · 2dBi Max. Dual detachable diversity antenna reverse SMA connectors · Power: 5V @ 2A Max · Wall-mounting option 	<p>Size:</p> <ul style="list-style-type: none"> · ZSG-100W: 6"(D) with antennas x 7.5"(W) x 1.5"(H) · Printer: 6"(D) x 3.5"(W) x 4.5"(H) <p>Weight:</p> <ul style="list-style-type: none"> · ZSG-100W: 11bPrinter: 11b, 5.0 oz
 <p>B100 PCMCIA Client Card</p>	<p>Printer - Account Generator Specifications</p> <p>Direct Thermal Printer</p> <p>Print width: 2"</p> <p>Paper width: 2.25"</p> <p>Interface: RS-232</p> <p>Power Supply: DC24V/30W</p>	 <p>Alternative Antennas</p>

1. Select Product & Options from Row(s)	2. Pick this and	3. A or B.		4. Or, Exclusive Plus Plans
MxU Systems 1000; ZSG-100W Wireless LAN Solution	Purchase	A. Yearly PIA Maintenance	B. Monthly Maintenance	Plus Plan Monthly Rental with Maintenance
H. Base Pricing - ZSG-100W System Unit	\$649.00	\$130.00	\$12.14	\$73/Mo.
C. Basic Configuration of Unit, & On-site setup of First Single (One) Unit.	\$300.00	\$30.00	\$2.80	\$17/Mo.
C. Basic Configuratrion of Unit & On-site setup of each additional Unit, with inital setup above.	\$150.00	\$30.00	\$2.80	\$17/Mo.

Additional Equipment Requirements and Considerations:

Internet Service & Connection Equipment; Router / FW, PPCs, Racks, additional MxU Equipment, Switches, Patch Cables, AC Power Strips, Phone Blocks, Cable, Installation / Labor, Training, ZSG-1000 Subscriber Gateway, ZSG-100W HotSpot Wireless, WLAN Antenna, Choices of WLAN Client Units, Service & Support Agreements as elected for each custom site configuration.