

Hardware Specifications

Main Chassis	High Solidity Steel Chassis
CPU	High Performance RISC + DSP (Digital Signal Processor) Integrated Processor
Memory	4MB Flash Memory 32MB SDRAM Main Memory
Network Interface	1-port 10/100Mbps Ethernet (LAN 0) for WAN Interface
Audio Interface	1-CH 3.5mm Audio Input (MIC) 1-CH 3.5mm Audio Output (SPK)
Internal Built-in AMP.	40Watt Digital AMP. at 8ohm Speaker Terminal Block Connector (SPK+ -), DC24V External Extra Power Adaptor.
Volume Control	Up, Down Volume Control Button
Console Interface	1-Port RS232C Console Interface for CLI (Command Line Interface)
I/O Interface	Alarm Input 1-Port Relay Output 3-Port Call Button Input 1-Port Call Button LED Output 1-Port

Power and Operation Management

Operation Environment	Temperature 0℃ ~ +45℃(operating), -40℃ ~ +85℃(storage), Humidity 5% ~ 95%
Power Supply	AC110~220VAC 50/60Hz Free Voltage, 5V 2Amp. Digital AMP. Power : DC24V 2.5Amp
Demension	H x W x D : (28mm x 125mm x 90mm)
Weight	0.5Kg

Voice over IP Service Features

Call Button Interface	External Emergency Call Button Input Interface, Alarm Input Interface
MIC. Interface	Audio MIC. Input Interface for Voice Communication, 3.5mm MIC. Audio Jack
SPK. Interface	Audio SPK. Output Interface for Voice Communication : 1. 3.5mm MIC. Audio Jack. 2. Digital AMP. Output : Terminal Block Connector
IP-PBX Signaling Protocol	SIP Protocol between IP-PBX and AP-EIG100
Transmission Protocol	RTP/UDP (Real-time Transport Protocol) RTSP (Real-time Streaming Protocol) : Option

Audio Service and VoIP Signaling Features

Voice and Audio Codec	G.722(16Hz) , G.711, G.723.1, G.726, G.729a, etc
VoIP Signaling Protocol	SIP VoIP Signaling Protocol SIP Proxy Server Interoperability Option :ITU-T H.323 Gateway, Gatekeeper Support
Voice Processing	VAD, CNG, Dynamic Jitter Buffer Operation
DTMF	Detection and Generation, RFC 2833 Compliant
Voice QoS	Enhanced QoS Management for Voice Traffic
Local Announcement	Local MIC to AMP.Output broadcasting Support

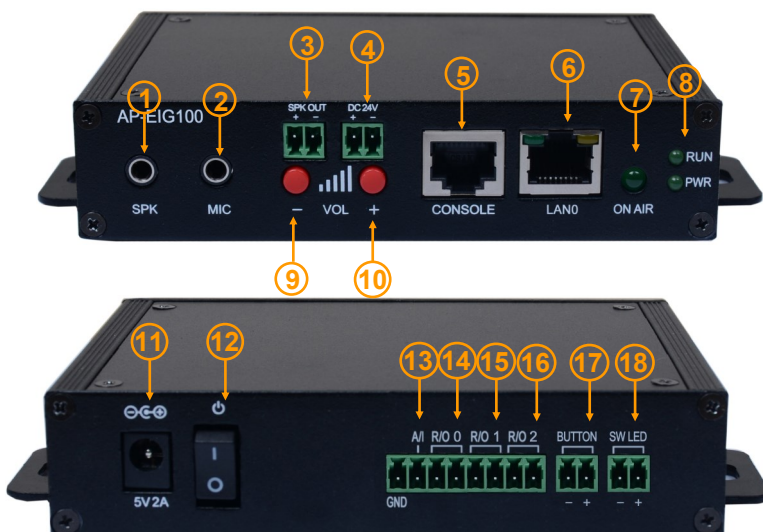
WAN, IP Routing and Other Features

WAN Protocol	Point-to-Point Protocol (PPPoE) for ADSL
IP Routing	IPv4 Static and IEEE 802.1Q VLAN Routing
Other Features	DHCP Server and Relay, IEEE Standard Transparent Bridging (Spanning Tree Bridging and Concurrent Routing Bridging Protocol), Network Time Protocol (NTP), Cisco Style Command Line Interface (CLI), DNS Proxy, MAC Address Filter Service DNS Proxy, VLAN, DNS Update Feature, STUN Service for Private IP, etc.

Operation and Management Features

Network Management	Standard SNMP Agent (MIB v2) Support, Telnet, Command Line Interface via Telnet (Public, Private IP Support), Web Based Management (Network, H.323, SIP, etc) Remote Firmware (APOS) Upgrade via FTP/TFTP Support, etc
Operation & Management	Performance Analyzing (Process, CPU, Interface), Configuration Backup and Restore for APOS Management, Debugging and Diagnosis Features, System Booting/Rebooting through Watch-Dog, Data Logging Features, IP Traffic Statistics through Accounting Support
Security Features	IP Packet Filtering, Access List, Access Control and Data Protections, Enable/Disable for Specific Proto- cols Multi-level User Account Management, Auto-disconnect for Telnet/Console Sessions, etc

LED, VoIP, Network Interface of AP-EIG100



1. SPK. Output Interface (3.5mm)
2. MIC. Input Interface (3.5mm)
3. Digital AMP. SPK..output Interface (Terminal Block)
4. 24V DC Power Input for Digital AMP. (Terminal Block)
5. RS232C Console Port (RJ5)
6. 10/100Mbps LAN Port (RJ45)
7. On-AIR LED
8. Status LED (CPU RUN, Power)
9. Speaker Volume Down Button
10. Speaker Volume Up Button
11. Power Input Connector
12. Power On/Off Switch
13. Alarm Input for Call Button
14. Relay Output Port 0
15. Relay Output Port 1
16. Relay Output Port 2
17. Call Button Input Port
18. Call Button LED Output Port

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