HANDLINK
Your HotSpot Service Partner

WAP-001
In Wall Access Point

The Ideal Hotel Room Internet
Access Solution for Hotel / MDU
System Integrator

TAIWAN EXCELLENCE 2011

IEEE 802.11n

Energy Saving

FEATURE

- Lowest RF output and adjustable to match every room
- One LAN port, one TCP/IP port, and two RJ-11 telephone connectors
- With patented retractable screws to fit any wall jack for stylish hotel, luxury house, and MDU
- Compatible with IEEE 802.11 b/g/n Wireless LAN 1T1R
- IEEE 802.3af Power over Ethernet
- Web-based management tool
- Support rich networking functions: static IP WAN connection, DHCP client WAN connection, NTP client,
- Support WEP, WPA/WPA2 encryption to enhance security
- The five colors of front faceplate: white, black, silver, gold, and hard gray
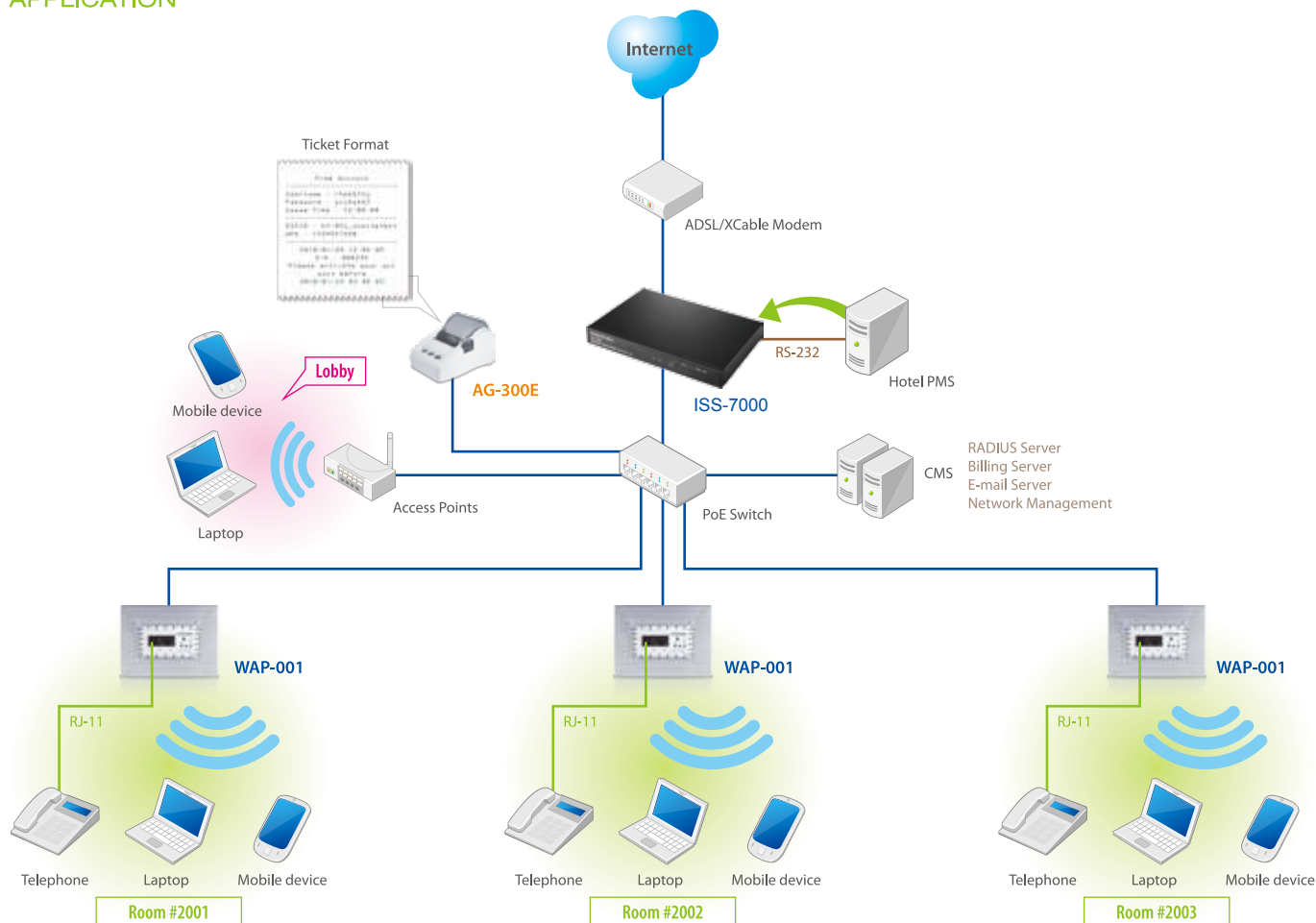
DESCRIPTION

The WAP-001 In Wall Access Point is designed as 150Mbps Internet access for Hotel / MDU System Integrator to provide guests and roomers secure Internet access and phone line connection in their hotel room, guest room, living room and lobby. It is deployed by systems integrator simply to connect with PoE switch, WG-604 HotSpot Gateway or ISS-7000 Internet Subscriber Server that can upgrade the function into proprietary AAA (authentication, authorization, and accounting) billing service.

The WAP-001 avoids channels conflict when guests and roomers connect to the Internet as its lowest RF output adjustable to match every room. It enhances security function by utilizing WEP and WPA/WPA2 encryption. With a practical, thoughtful, and compact design, it has 3 levels of adjustment with patented retractable screws to fit any wall jack suitable for stylish hotels, luxury houses, and MDUs (Multi-Dwelling Units).

The WAP-001 provides colorful wall-mounted faceplates: white, black, silver, gold, and hard gray supporting Europe, USA, or Japan.

APPLICATION

SPECIFICATION

Network specification	IEEE802.3 10Base T Ethernet IEEE802.3u 100Base TX fast Ethernet IEEE802.3af Power over Ethernet IEEE802.11n Wireless LAN 150Mbps IEEE802.11g Wireless LAN 54Mbps IEEE802.11b Wireless LAN 11Mbps ANSI/IEEE 802.3 NWay auto-negotiation
Compatibility	All Wi-Fi certificated wireless adapters Support all operation systems
Interface	1 LAN port for 10/100Base TX auto cross-over 1 TCP/IP port for 10/100Base TX support IEEE 802.3af PoE 2 RJ-11 connectors for telephone transparent
Wireless data rate	Up to 150Mbps with auto fall back with IEEE 802.11b/g
Frequency band	2.4 GHz frequency band
Encryption	WPA/WPA2, 64/128 bit WEP data encryption
Modulation type	OFDM, DSSS, BPSK, QPSK, CCK
Power requirement	Only support IEEE 802.3af Power over Ethernet Power consumption: under 7.2 Watts
Output power	WAP-001L11n: -7dBm 11g: -7dBm 11b: -3dBm WAP-001H 11n: 14dBm 11g: 14dBm 11b: 14dBm
LED indicators	One power LED One WAN Link/Activity LED One LAN Link/Activity LED One WLAN Link/Activity LED One system LED

Dimension	(L): 71.6m / (W): 39.3mm / (H): 55mm Weight: about 84g (net)
Environmental conditions	Operating temperature: 0°C to 50°C Storage temperature: -10 to 60°C Humidity: 20% ~ 90% non-condensing 20% ~ 80% condensing
Rich networking function	Static IP WAN connection DHCP client WAN connection NTP client
Management	Web-based management tool TFTP/HTTP firmware upgrade Backup/Restore configuration file Remote authorized management SNMP v1/v2 (MIB II)
Enclosures and mounting boxes	Support both Europe or USA/Japan
Extra function with optional WG-604 or ISS-7000	Standard login page Customizable log-on and log-off pages Advertisement URL link Walled garden WISPr smart client Local authentication Local accounting Local billing RADIUS AAA support (RFC2865/2866) Secondary RADIUS
Certification	FCC Part 15 Class B/ CE / NCC

FC CE CCAF10LP0620T8 TÜV CERT DIN EN ISO 9001

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