

AP-PSB2000

IP based Power Switch Box

High Performance IP Power Switch Box for LED Light Power Control

Private IP Function Overview



AddPac

AddPac Technology

Sales and Marketing

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Product Overview

- IP based Remote Power ON/OFF Controller
- LED Light On/Off Control for CCTV Camera at Night Time
- Remote CCTV Backlight Control Solution for Unmanned Security Zone
- AddPac Integrated Security Management System Solution
- Power Control Port
 - One(1) AC Power Input
 - Three(3) AC Power Output (Manual Power On/Off Switch)
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet Interface
 - One(1) RS232C Interface
- Firmware Upgradeable Architecture(FTP, TFTP)
- Smart Web Manager Support

Hardware Specification

A square logo with a dark blue background and a white border. The text "RISC" is positioned above "CPU" in a white, sans-serif font.

RISC
CPU

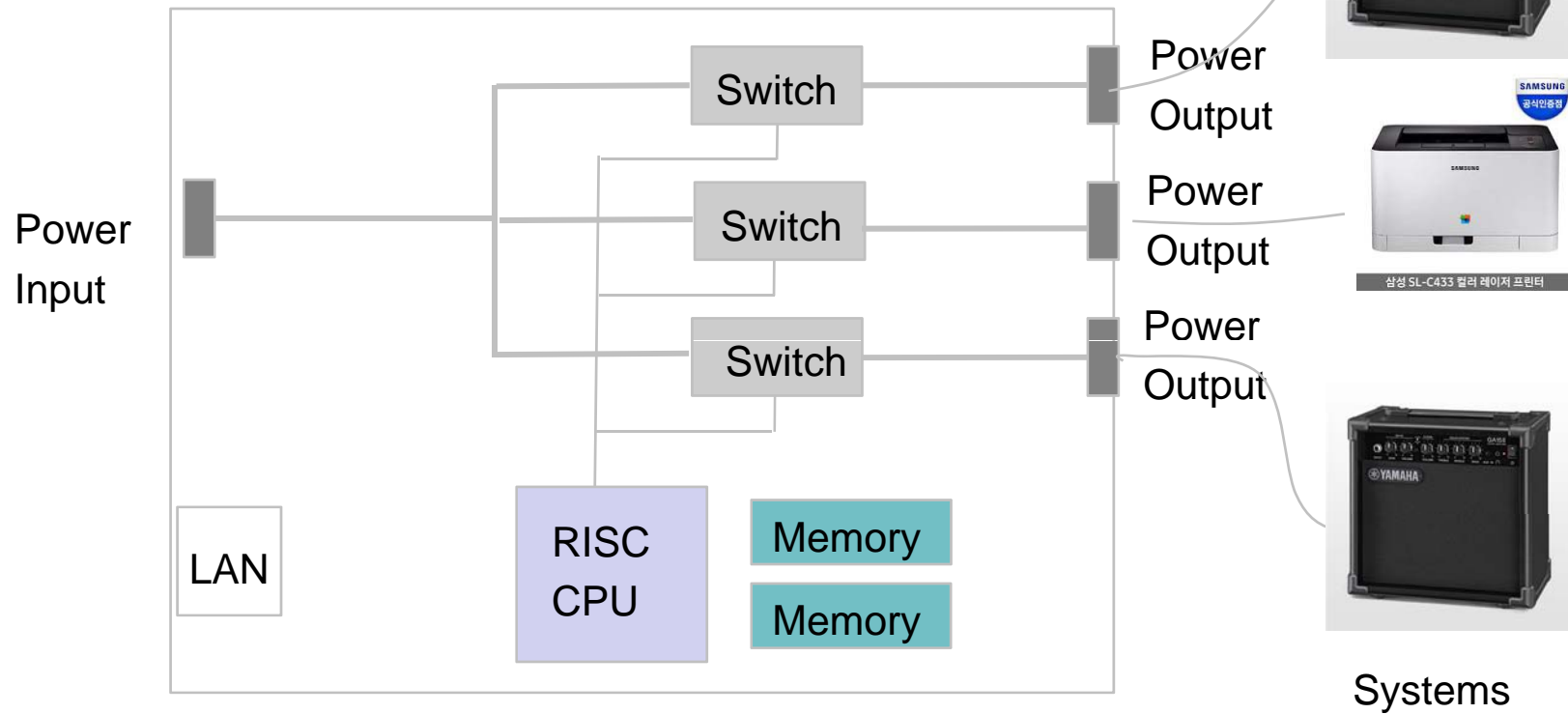
- RISC Microprocessor Computing Power
- Status LED Support
- Power Control Interface
 - One(1) AC Input
 - Three(3) AC Output
- Network Interface
 - One(1) 10/100Mbps Fast Ethernet (RJ45)
 - One(1) RS-232C Interface (RJ45)

Hardware Specification

AP-PSB2000 IP Power Switching Box for LED Light Power Control



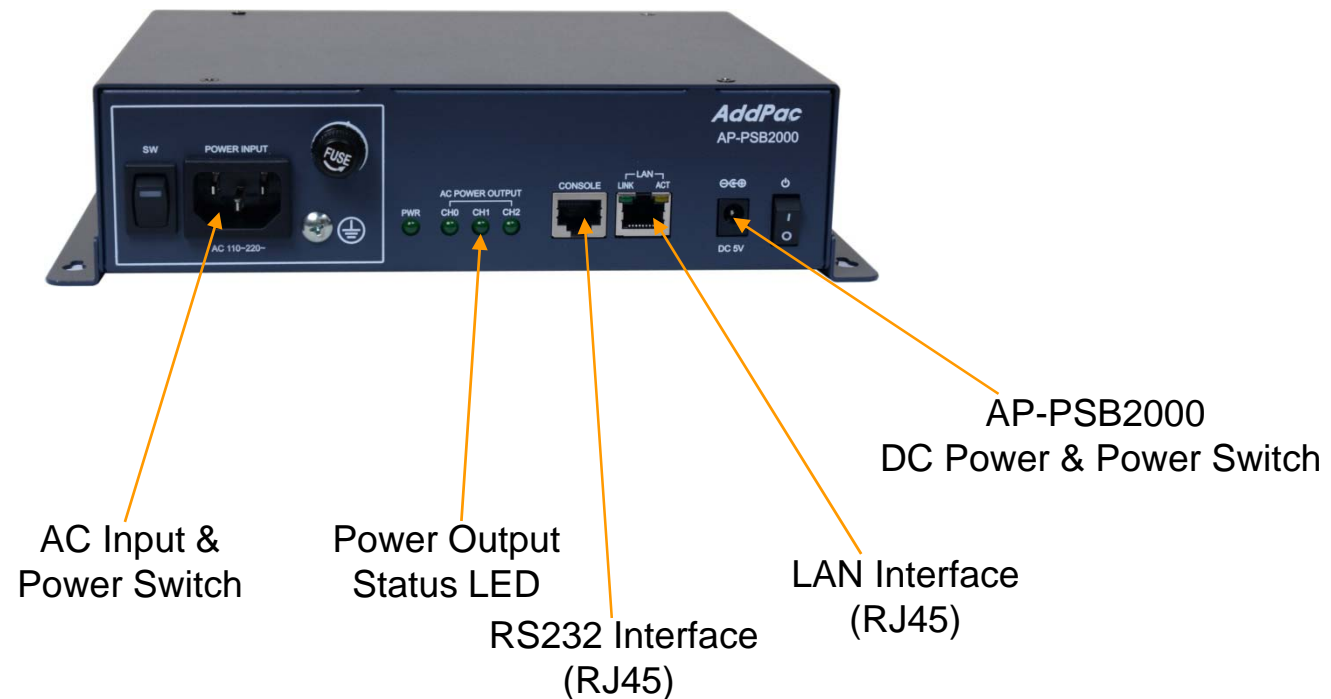
Hardware Block Diagram



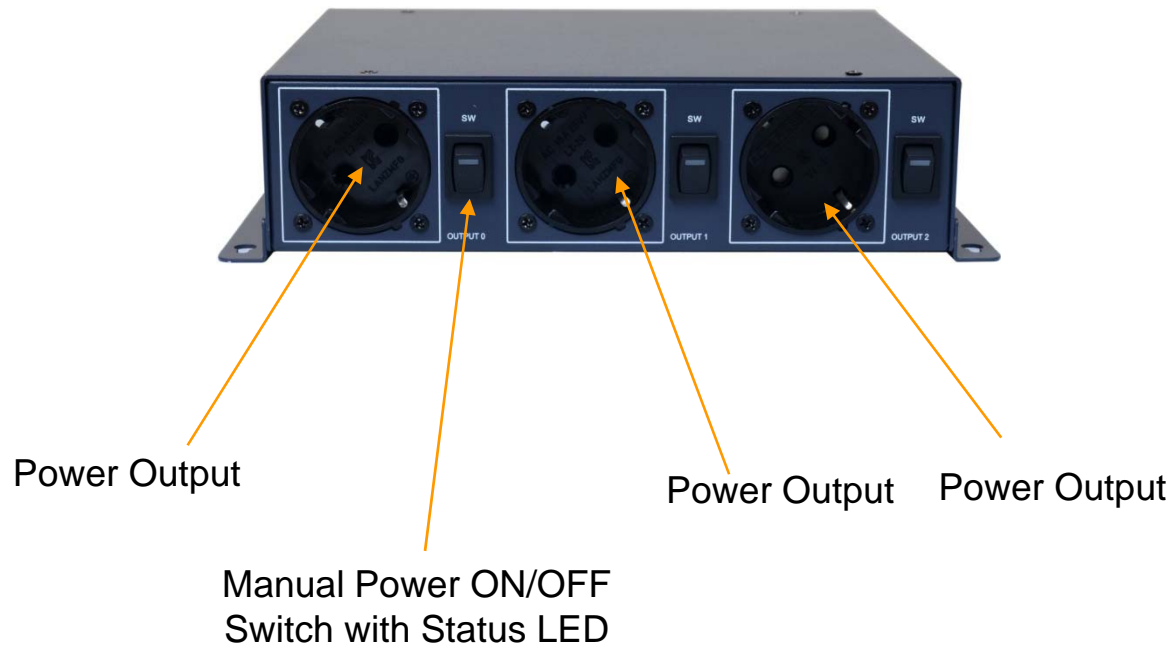
Hardware Specification

RISC
CPU

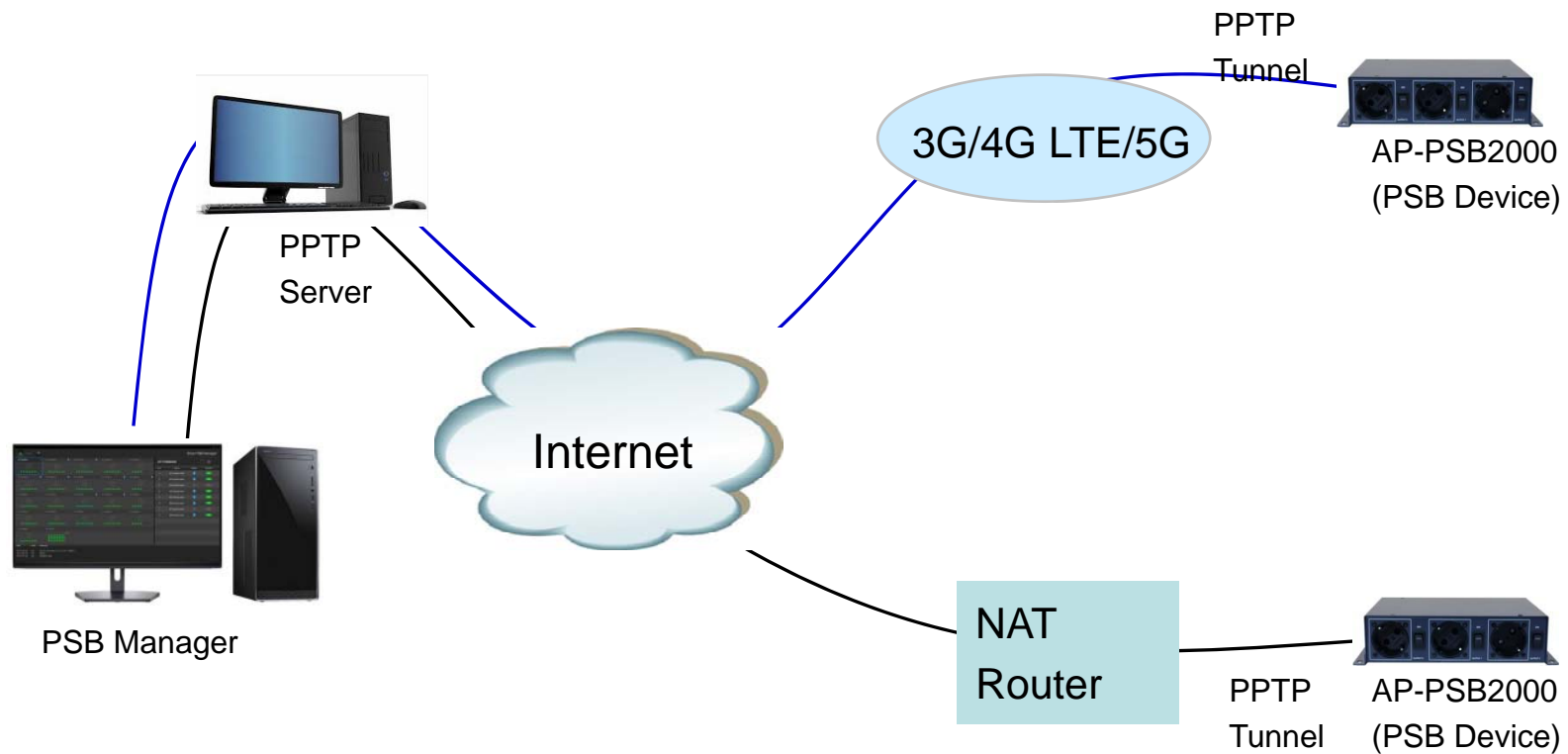
Front Side



Rear Side



Network Diagram



Private IP Service Overview

- PSB Device is located at
 - Located at Mobile Network (3G, 4G, 5G)
 - Located at the behind of the NAT router
- PSB Manager is
 - Located at Public Network (has Public IP Address)
 - Support PPTP Server or
 - Access PSB Device through external PPTP server

Private IP Service Operation

- PSB Device
 - Has PPTP Client Function
 - Set fixed Tunneling IP Address
- PSB Manager
 - Add Device using PPTP Tunneling IP Address
 - Set up routing for PPTP client access
 - Send/Recv Packet through PPTP server

Private IP Service Configuration Example (1/2)

Tunnel Setup

Tunnel Mode

None (Disable Tunneling, default)
 PPTP (Point-to-Point Tunneling Protocol)

Authentication Method

No Authentication
 PAP (PPP Authentication Protocol)
 CHAP (Challenge Handshake Authentication Protocol)
 MS-CHAP (Microsoft Chap)
 MS-CHAP-v2 (Microsoft Chap Version 2)

Username

Password

PPP Server Authentication (for MPPE, use MS-CHAP-V2)

Private IP Service Configuration Example (2/2)

The screenshot shows a configuration window for a Private IP Service. It includes sections for MPPE encryption, DNS settings, source interface, server address, and optional local address. Callout boxes highlight specific configurations: 'Enable MPPE Encryption' points to the 'Auto Encryption' radio button; 'Request DNS Server Address' points to the 'On (Request)' radio button; 'PPTP Server IP address' points to the 'Server Address' field containing '172.16.1.201'; and 'Use Fixed Tunneling Address & Network Mask (Optional)' points to the 'Local Address(optional)' section.

MPPE(ms-chap-v2 only)	<input type="radio"/> No Encryption
	<input checked="" type="radio"/> Auto Encryption
	<input type="radio"/> 40-bit encryption
	<input type="radio"/> 56-bit encryption
	<input type="radio"/> 128-bit encryption
DNS	<input checked="" type="radio"/> On (Request)
	<input type="radio"/> Off (No Request)
Source Interface	FastEthernet0/0 ▼
Server Address	172.16.1.201 (A.B.C.D), Tunnel End Point Address
Local Address(optional)	IP Address [] (A.B.C.D)
	Network Mask [] (A.B.C.D)

Apply



Thank you!

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