AP-PSB2000
IP based Power Switch Box

High Performance IP Power Switch Box for LED Light Power Control

Private IP Function Overview

AddPac Technology

Sales and Marketing

Contents

- Product Overview
- Hardware Specification
- Private IP Service Network Diagram
- Private IP Service Overview
- Private IP Service Operation
- Smart Web Manager Configuration for Private IP Service

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

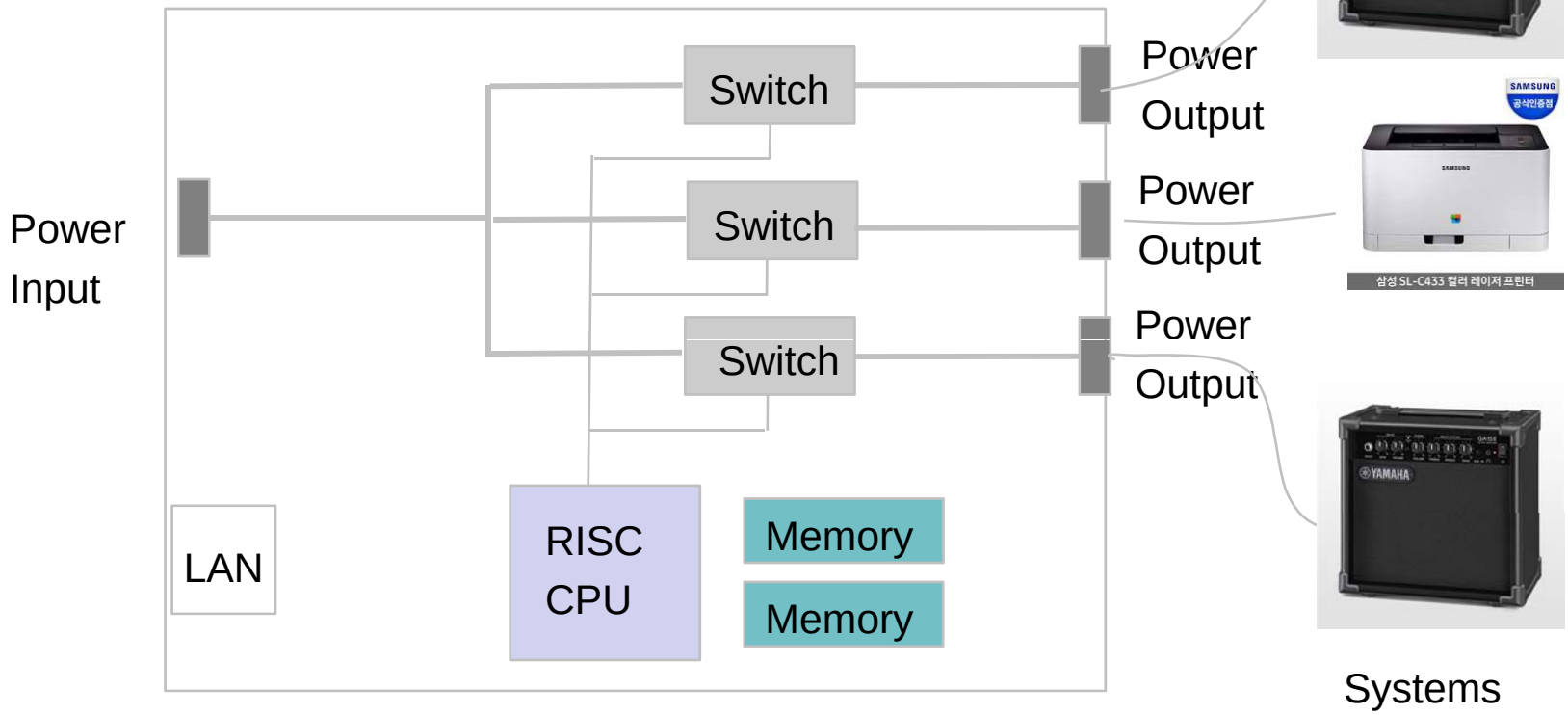
- RISC Microprocessor Computing Power
- Status LED Support
- Power Control Interface
  - One(1) AC Input
  - Three(3) AC Output
- Network Interface
  - One(1) 10/100Mbps Fast Ethernet (RJ45)
  - One(1) RS-232C Interface (RJ45)

Hardware Specification

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

RISC CPU

Hardware Block Diagram



Hardware Specification

RISC CPU

Front Side

AP-PSB2000
DC Power & Power Switch

AC Input &
Power Switch

Power Output
Status LED

RS232 Interface
(RJ45)

LAN Interface
(RJ45)

Hardware Specification

RISC CPU

Rear Side

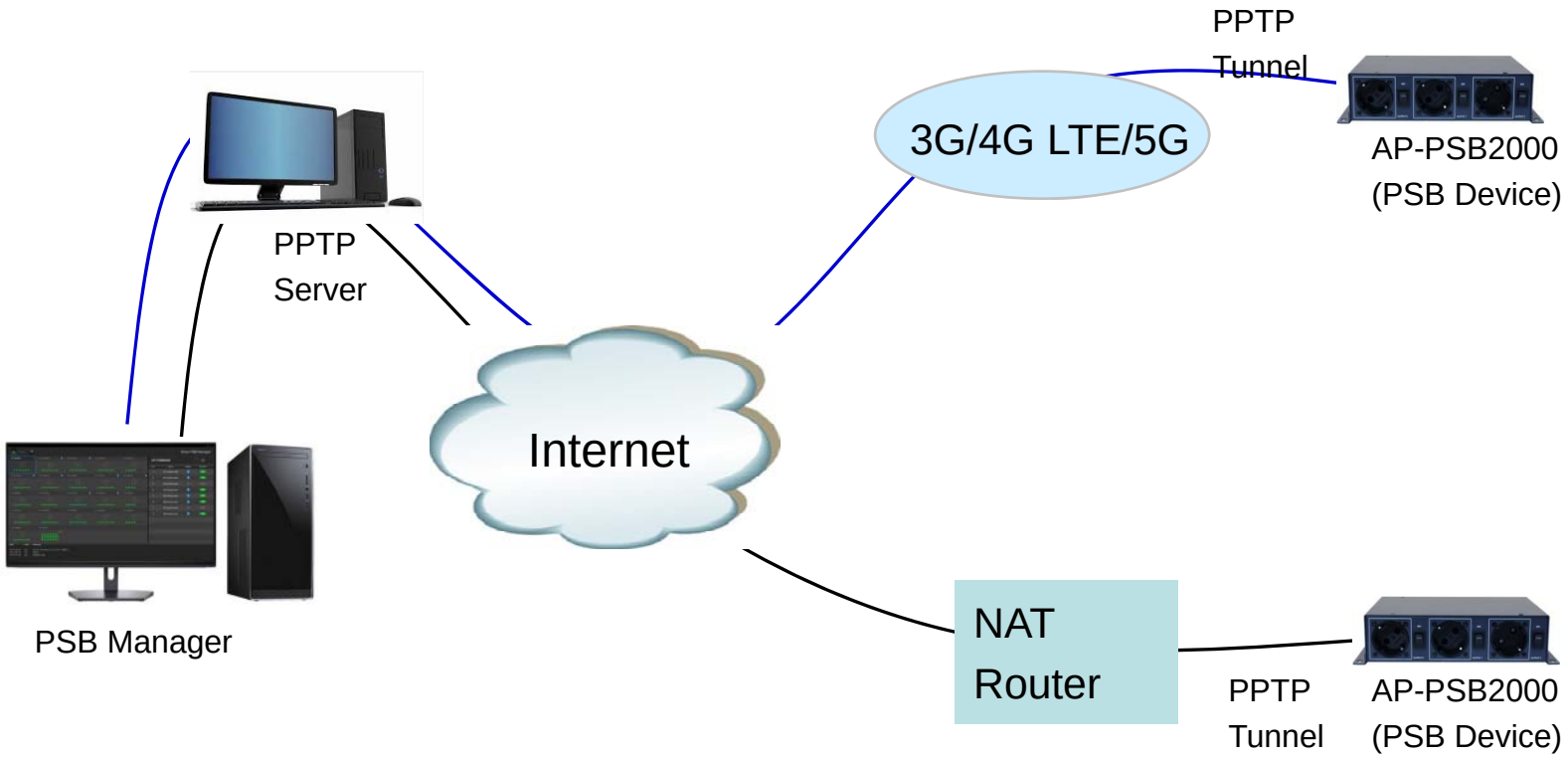
Power Output

Manual Power ON/OFF
Switch with Status LED

Power Output

Power Output

Network Diagram



Private IP Service Overview

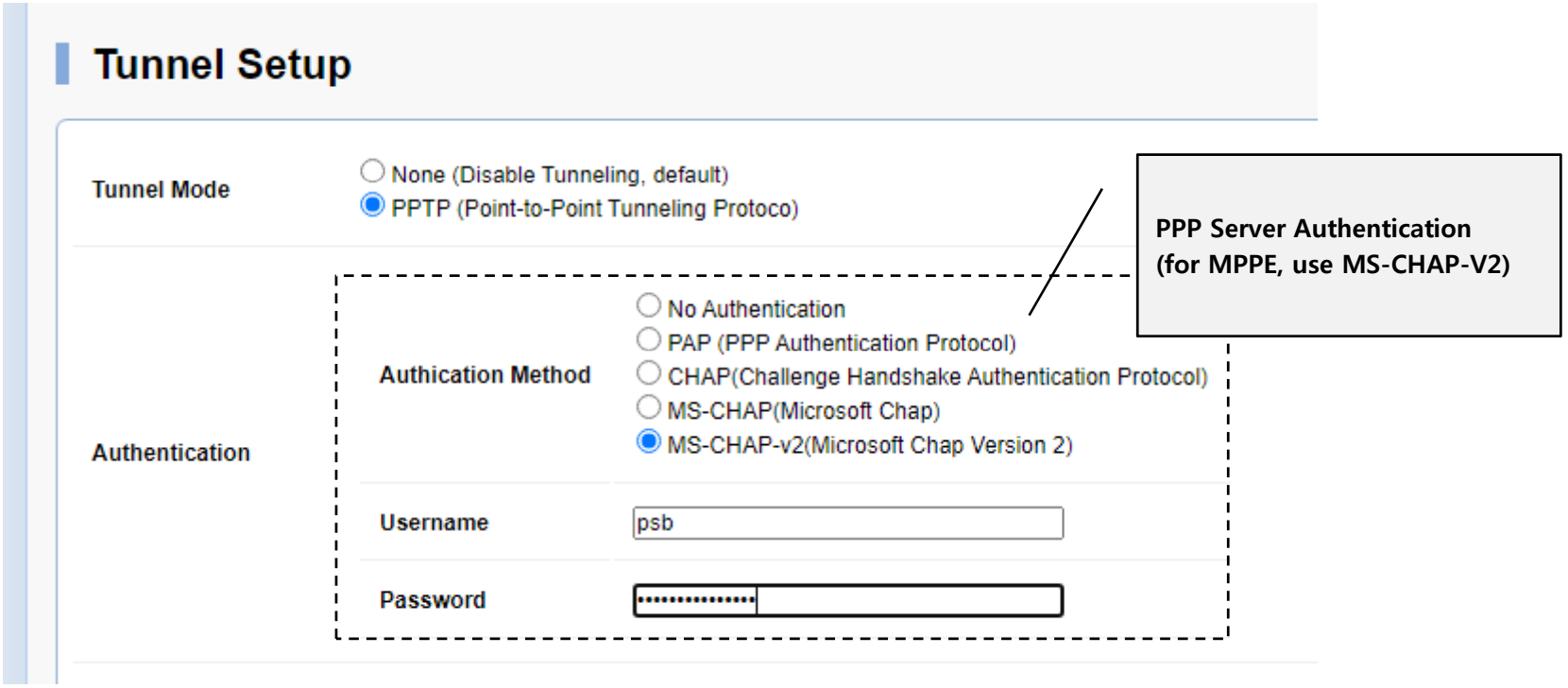
- PSB Device is located at
  - Located at Mobile Network (3G, 4G, 5G)
  - Located at the behind of the NAT router

- PSB Manager is
  - Located at Public Network (has Public IP Address)
  - Support PPTP Server or
  - Access PSB Device through external PPTP server

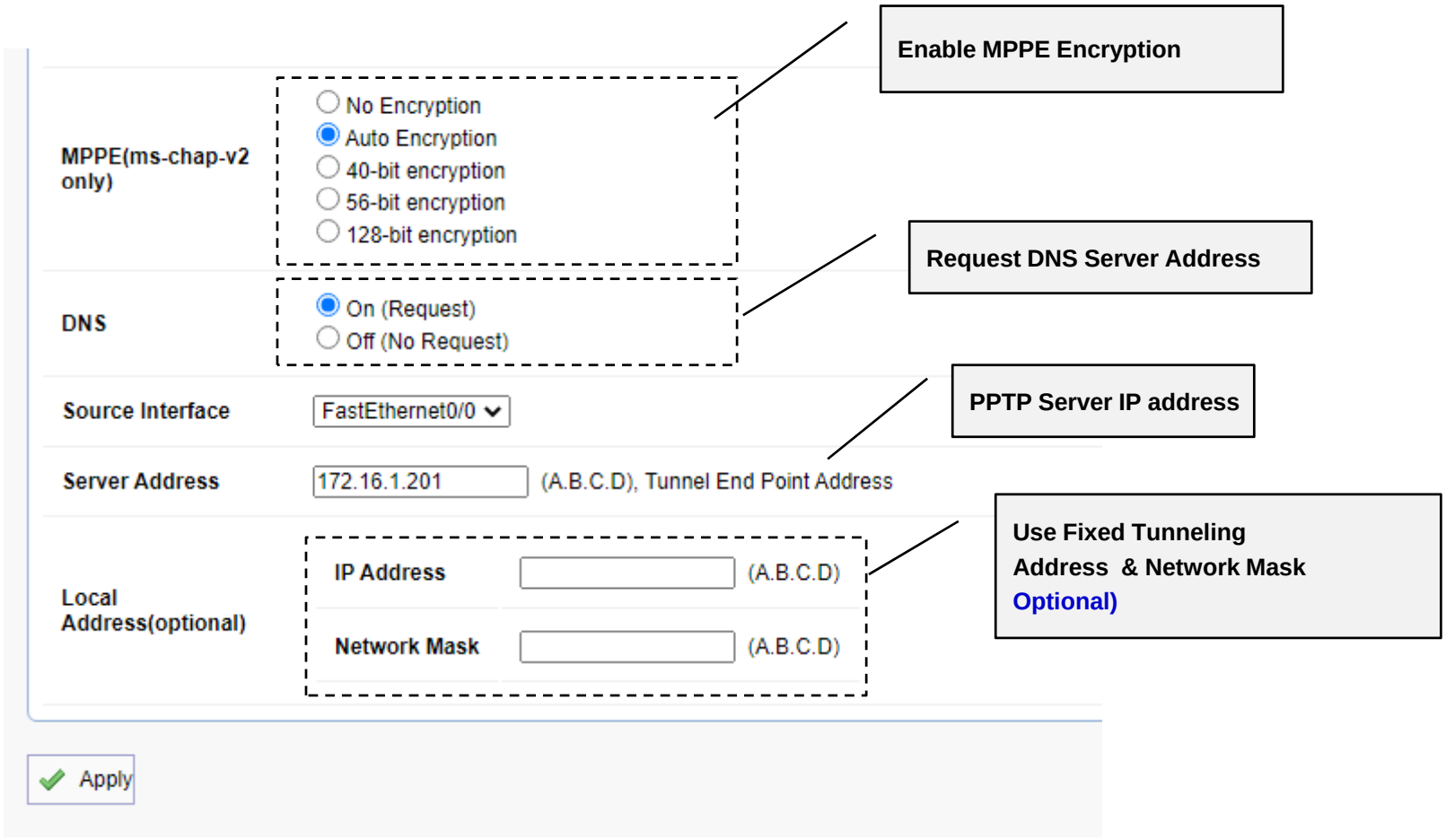
Private IP Service Operation

- 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)



Private IP Service Configuration Example (2/2)



Thank you!

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