

Hardware

* Unique design for wide range electric power environment from 90V ~ 240V with auto-sensing, output single or total - 10 amp.

* Wired Ethernet -- via Web Interface to remote power control with HTTP command under IE / Firefox / Chrome.

* Adopt the **magnetic “ Latching Relay ”** (a KEEP relay) , operation temperature can go up to 85°C (185 °F) with MTCM 100,000 times , longer electrical life expectancy .

It keeps device operating temperature at low state and maintains there without going higher even all 4 port at ON state simultaneously , plus lower power consumption for **energy efficiency** purpose.

When power is turned **OFF**, all contacts are available for other circuit functions and **maintains its last position**, the circuit will be in the same state when power is turned **ON** again.

* One **Ethernet** port

* One **Hub** port

* Manual push buttons control -On/Off for 1st or 2nd port – emergency use while network disconnected happens .

* Adopt higher grade Components for better quality / performance / durability

* **Current Sensor Meter Detection** -- for total of two ports

* Has the **protection of Power Surge** . supports **high energy efficiency** -- **T5 Fluorescent or LED light** .

* Operating Temperature -- - 15°C ~ 60°C (5°F~ 140 °F)

* Din-Rail -- supports as optional. It has screw holes ready to mount the kit of Din-Rail .

* **Super Slim Enclosure** (sleek black metal casing - professional looks) -
- good to install to Wide Screen Flat TV (fixed to wall / ceiling) or Digital Signage **where the room space is very narrow or limited.**

W -19.5 x D -8.8 x H -3.5 (cm) , (Width included two mounting ear kits of both sides – 2.5 mm x 2)

* **2 - Years Warranty.**

Software :

* WebPage -- a new profession style of dramatic **color display GUI** & **Icon** for easy using and save time.

* Network Protocol -- support **HTTPS / HTTP , SSH / Telnet. SNMP(MIB)**

/SNTP. SNMPv3 . DHCP. TCP/IP. SMTP UDP. Dynamic DNS & DNS client.

* Support **HTTPS - HTTP SSL 3.0** - high secure for Internet communication and e-mail -- " Hacker " prevention

* Support the protocol of **BACnet/IP** & **Modbus/TCP**

* **Back Up** -- quick back up and save functions like Time Schedule, Network Setting. Ping Setting. status of Default I/O Setting for multiple devices

* **Time Schedule** -- to schedule specific date and time turn power on / off automatically -- can set up to **29 groups** .

* **Log capability** -- device itself can log user's activities and relevant information for monitoring purposes

* **System Log capability** -- it enable to record all activities of internal device from external device simultaneously.

* **PoP3 e-mail controls the power ON/OFF**

* **Wake on Lan / Shutdown on Lan**

* **Software Reset**

* **Auto Ping**

* **UPNP** -- No need to do " port forwarding " from router , simply enter webpage via Wan (user's router need to support UPNP)

* **MQTT** -- supports **Cloud IoT Server of Microsoft AZURE** and **Google Cloud IoT , Amazon AWS IoT**

* **Dynamic Color GUI** -- new design user interface for easy /quick input & access via web browser

* Support the browser of **IE . Chrome . Firefox**

* Support E-mail and **public e-mail** such as -- @gmail.com , @yahoo.com , @hotmail.com . @aol.cometc.

* Support **APPS** -- developed by Aviosys SW team

Android App -- free download from Google Play >> type " **IP Power** " to search & download

Apple iOS App -- free download from Apple APP Store >>

type " **IPPOWER** " to search & download

* Specific Software — **SDK (script) . WebPage Command. IP Power Center** for software development / modification -- provided free of charge .

* **IP Power Center** - it can control multiple units of 9850 which link together under one program in same one PC