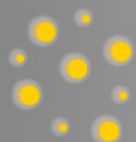


*We know IP!*



# AVIOSYS IP Networking & Automation

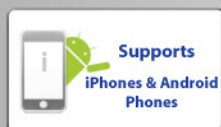


» IP Power & IP Sensor & IP Meter

» USB Power / Sensor & Meter

Aviosys Own developed software :

- Android Apps " IP Power " :
  - Control each outlet power ON / OFF.
  - Read Current, Voltage & Temperature.
  - Quick search in LAN / WAN
- IP Power Center :
  - Control multiple IP Power devices in a software.
  - Own CNT function -control w/o port forwarding,



Office / Home / Factory / Network Monitoring / Detect & Control

**AVIOSYS**

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# IP Power

Aviosys IP Power products take remote power to the next level. Simply just plug and play and the world of remote power in your hands. With IP Power, application for home automation, power management, and system integrate has never been easier. With own software and SDK, these devices are very easy to integrate with other products and system.

## General SPEC. :

- Control individual power On, Off or Reboot.
- Embedded webser :  
Control by web browser on WIN, iOS or Androis.  
Like IE, Firefox, Google Chrome, Safari ( iPhone ) .
- Supports: TCP/IP, DHCP, SNMP, SMTP, DDNS & NTP
- Time Scheduler & E-mail notifying .
- Max. Current : 8A  
Total Max. Current : 10~15A/110V or 10A/220V ( 4 ports )
- Models : NEMA or IEC plugs: 9258S/T, 9858, 9258W2 & 9820.
- Models : w/ 7 countries type plus : 9255Series & 9258XX.

## IP Power 9255 Series

**Compact Single port , WiFi / LAN , Shedular, Auto Ping, Industrail grade Relay !**



## IP Power 9858

**4 Ports remote power control , HTTPS, Scheduler, Syslog and Auto Ping function !**



Aviosys Own developed software & free of charge :

- Android App " IP Power "
  - Controls the outlet power On / Off.
  - Read the vlaue of Current, Voltage & Temperature.
  - Quick search in LAN / WAN
- IP Power Center : Control multiple IP Power devices in one software. W/ own CNT functon allows user to control w/o port forwarding, simply Plug & Play .
- SDK available : Http/CGI connamd for developement.



### Features

Model : 9255 , 9255Pro & 9255Wifi

- Single port control power On, Off & Reboot.
- Design for Lighting control : Like T5 fluorescent light.

9255Wifi only :

- WiFi 802.11 N -B/G & WPS .
- Detect Current , Voltage & Temperature .
- **High Current** : Max. 12 Amp or 3000W / 230VAC .
- **High Inrush Current 165A / 20ms** .
- LIVE chart , History record & Over Current protection.
- Advanced Time scheduler , Back up & SYSLOG.
- Alarm by Beep & E-mail :
  - Support public e-mail : Gmail , Yahoo Mail & Hotmail .
  - Receive Email w/Current & Temp. info. as boot up.
  - Email alarm as over setting at Current, Voltage & Temperature or as DI status change
  - Control each outlet On/Off thr. E-mail (POP3)
- Handheld IR Remote controller to control without PC

9255Pro only :

- Detect Current (Amp) & Temperature value.
- Over Current & Inrush Current protection.
- Zero Cross design.
- Power Leakage protection - turn output off as over 3mA.

### Features

- 4 individual power control On, Off, Reboot.
- WiFi Connectivity 802.11 N -B/G & WPS.
- Time scheduler w/ Multiple settings.
- Auto Ping - Ping outside IP for auto control.
- E-mail functionality - support Gmail & Hotmail .
- SYSLOG : send Log info. to assign IP address.
- Adopts high grade relay amd components.



# Remote Power



## IP Power 9258W2

4 Ports, WiFi & WPS, Current Meter of Each Port  
HTTPS, Scheduler, Auto Ping, USB Cam connection,  
Syslog & Control each outlet On / Off by E-Mail !



### Features

- 4 individual power control On, Off, Reboot.
- WiFi Connectivity 802.11 N -B/G & WPS.
- Detect current per port & Temperature.
- LIVE chart, History record & Over Current protection.
- Advanced Time scheduler, Back up & SYSLOG.
- Alarm by Beep & E-mail :
  - Support public e-mail : Gmail, Yahoo Mail & Hotmail.
  - Receive Email w/Current & Temp. info. as boot up.
  - Email alarm as over setting at Current, Voltage & Temperature or as DI status change.
  - Control each outlet On/Off thr. E-mail (POP3)
- Monitor thr. external USB Camera.
- Record current history to USB Flash drive.
- SYSLOG: Send Log info. to assign IP Server.
- Support RS232 & Telnet control.
- Handheld IR Remote controller to control w/o PC
- Embedded IP manager to search other IP device in local network in webpage directly.

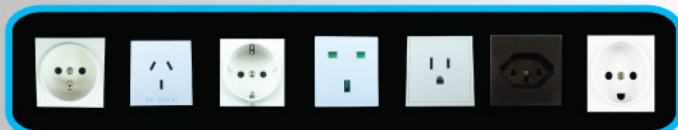
## IP Power 9258XX

4 Ports, Current Meter, Dual Cut relay, Time Scheduler,  
Power Leakage protection & Buttons control design !



### Features

- 4 ports individual power control On, Off, Reboot.
- Dual Cut relay design w/ higher safety.
- Detect total Current consumed by 4 ports.
- Auto Ping -Ping outside IP for auto ccontrol.
- Over Current protection.
- Power Leakage protection- turn output off as over 3mA.
- In-Rush Current Protection ( Zero Cross Technology )
- Power surge protection design.
- Buttons on Top for easy control of each output.
- Lighting control : Like T5 fluorescent light.
- Temperature detection - Internal.
- Support HTTP/CGI Command & Telnet control
- 7 power socket types available.



## IP Power 9258S/ T /SP / TP

4 Ports remote power control, RS232 & Telnet Control  
Time scheduler & Auto Ping (Optional) !

### Features

- 4 individual power control On, Off, Reboot.
- E-mail functionality for notifying user.
- Each outlet name can be assigned by user and memorized on webpage.
- Support RS232 & Telnet control.
- Auto Ping : Ping outside IP for auto ccontrol (Ping model only)



## IP Power 9223K-D

4 Ports DO Industrial & Lighting control design,  
12~24V power in & Din Rail Stand (Optional) !

### Features

- Industrial 4 Port Relay design network controller.
- Designed for Light control : T5 Fluorescent Lights.
- Each output support Current up to
  - 8A / 240W Normally Open,
  - 4A / 120W Normally Closed.
- Time Scheduler - preset to turn On / Off.
- In-Rush Current Protection Design.
- Support 12V~24V DC power in.
- Option: - 48V DC power in.
- Din Rail Stand ..
- RS232 Control by inquiry (OEM projects).



Automation



## IP Power 9820

**8 Ports 1U 19" rack mount remote power controller**  
**WiFi & WPS, HTTPS, Scheduler, Auto Ping, Syslog**  
**HIGH Power usage 15A~20A, LCD Display**  
**Detect Current per Port, Voltage, Temperature & DI sensor,**  
**USB Cam Monitor & Control each outlet On / Off by E-Mail.**



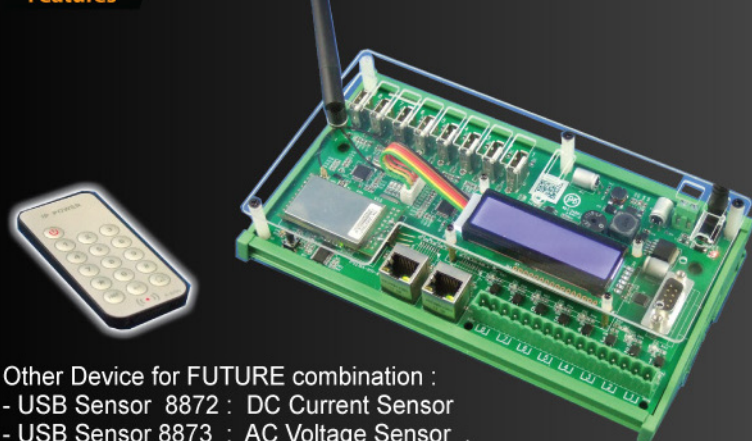
### Features

- HIGH Power usage inquire : Power Inlet ( C20 )
  - Max. Current per outlet : 10 A
  - Max. Current total 8 outlets : 20A/110V or 15A/220V
  - Max. Watt for lighting control : 240 Watt
- Detect Range :
  - Current : 0~ 20 Amp
  - Voltage : 90~240VAC
  - External Temperature: 0 ~ 60 °C / 32 ~ 140 °F.
- Beeper / Email alarm as over setting.
- Live Chart & History Record & Over Current protection.
- Inrush Current, Power Surge & FUSE protection
- Advanced Time Scheduler , Back Up & SYSLOG.
- E-mail function :
  - Support public e-mail : Gmail , Yahoo Mail & Hotmail .
  - Receive Email w/Current & Temp. info. as boot up.
  - Email alarm as over setting at Current, Voltage & Temperature or as DI status change
  - Control each outlet On/Off thr. E-mail (POP3)
- 2 USB for USB Camera monitor & save data to Dun Drive.
- Supply one DI – Dry contact. and AUTO control one outlet to turn On/Off as DI status changed.
- Supply one 12V 1A DC power output
- Webpage embedded IP Manager : Search IP in network.

## IP Sensor 9219

**8 DI - Digital Inputs & 8 USB for ext. USB Sensors : to get**  
**6 Currents, 1 Humidity & 1 Temp. & 1 USB Flash Drive for save,**  
**Data Recording for Long Time AC Current Monitoring !**

### Features



Other Device for FUTURE combination :

- USB Sensor 8872 : DC Current Sensor
- USB Sensor 8873 : AC Voltage Sensor
- USB Sensor 8874 : Sensor Converter ( 4 ~ 20mA )
- USB Power 8840 : Control 8 DO relay power control ( 10A~80A)

### Features

- WiFi 802.11 N -B/G & WPS or LAN.
- HTTPS, TCP/IP, DHCP, SNMP, SMTP, DDNS, USB 2.0 P&P.
- 8 DI Sensor -Digital Input - Dry Contact ( Resistance input).
- 8 USB ports to get the sensor value of USB Sensors :
  - Current, Humidity & Temperature by following devices :
  - 6 USB e-Meter 8870 - AC current meter
  - 1 USB Humidity & Temperature Sensor 8871
  - 1 USB Flash Dun Drive to storage DATA as CSV file .
- The above 6+1+1 combination is standard package .
- It is flexible to connect different USB Sensors .
- EX: 5 USB e-Meter 8870 & 3 USB H&T Sensor 8871
- RS232 /TELNET coommunication port to get data .
- Beeper / Email alarm. E-mail function :
  - Support public e-mail : Gmail , Yahoo Mail & Hotmail .
  - Get Email with IP address as boot up , as over setting at Current , Humidity & Temperature & as DI status change.
- 2 Network RJ45 connectors for convenient connection.
- LCD Display: IP, DIs & Currents, Humidity & Temp. value.
- Handheld IR Remote Controller : Wake up LCD & manual display the value of each USB sensor

## USB Power 8800 Pro

**Single port USB Power Contorller , Current Meter ,**  
**Time Scheduler, Support COMmand line control !**

### Features

- Control 1 power on/off through USB connected to PC.
- Current Meter : Detect consume current to 8A .
- Time Scheduler: Preset the time to control.
- Keep Relay status even USB disconnect or PC/software is not running.
- USB CDC emulation mode – Commandlien to control.
- Temperature detection ( Internal ) .
- SDK Available - LAN control support.

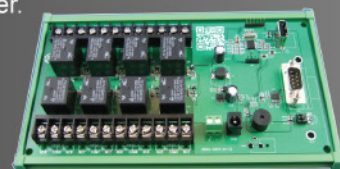


## USB Power 8840

**8 ports DO , USB & RS232 Power Contorller ,**  
**W/ IR Remote controller & Support "LabView " software**

### Features

- Control 8ports 12V DC relays On/Off by PC- USB/RS232.
- Hardware connect as NC- Normal Close or NO- Normal On.
- Each output support Current up to
  - 10A / 240W as NO,
  - 5A / 120W as NC
- Time Scheduler & LOG system information.
- Handheld IR remote controller.
- Total 8 ports up 80A.
- USB CDC emulation mode – command line for control.
- RS232 Control.
- SDK Available



# Remote Power

WWW.AVIOSYS.COM