

Uniclass's Remote Power Switch Solution

Remote Power Control Solution for Any Ac-powered devices, computers and servers

ioPower.M

 for Remote Power Control [*Master Unit*]

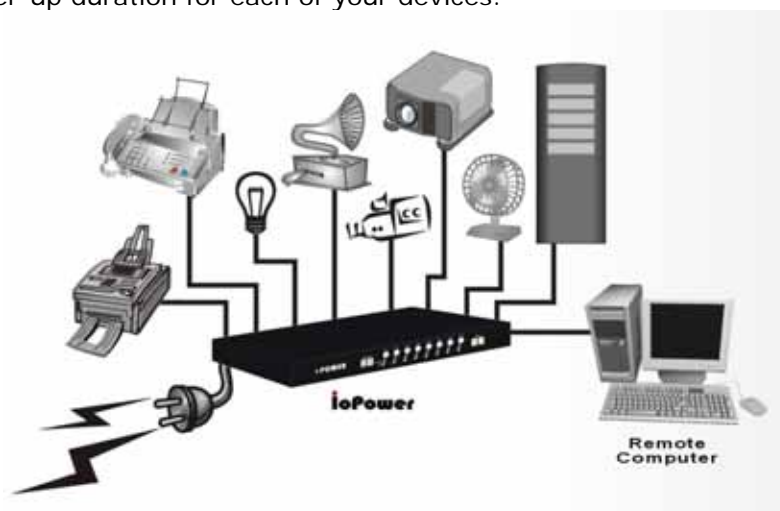
ioPower.S

 for Remote Power Control [*Slave Unit*]**ioPower.M and ioPower.S can be used in standalone/Cascaded configuration**

The **ioPower.M / ioPower.S** provides 8 AC power outlets and can be deployed alone with a host PC for remote power control of any AC-powered devices. The **ioPower.M / ioPower.S** proves to be a reliable and convenient remote power control solution that offers cost-effective power control solution to enterprise-level customers.



To control your AC-powered devices, you only need to tap them to any of **ioPower.M**'s 8 power output outlets and then connect the **ioPower.M** to a host PC installed with the *Power Management* software. To power on/off the connected AC-powered devices, you only need to press the front-panel button (press and hold for 5 seconds); or you can use the power management software. The software is installed on a host PC and provides a virtual front-panel that allows user to click to power on/off any connected devices. It also provides timer function to preset the destined power on/off time or power-up duration for each of your devices.



ioPower.M connected to a host PC

The **ioPower.M** is also capable of cascading with multiple downstream **ioPower.S** units into a daisy-chain configuration to maximize the port capacity up to one hundred more. Thus you can easily control up to hundred of AC-powered devices and/or servers.

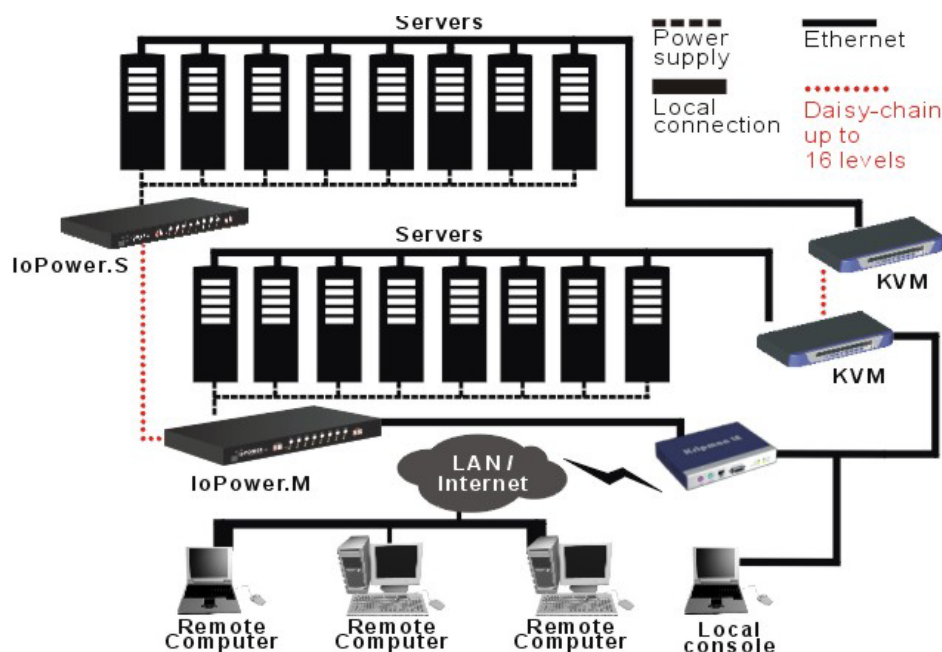
ioPower.M & ioPower.S as Kripman Accessory for Remote Power Control

When your servers or network devices just locked up and stopped responding, it can only be salvaged by cycling power off and on for a reboot. As simple as this reboot procedure can be, it nevertheless requires the admin to attend the server room just to switch the power off and on again. But what if the admin is worlds away from the server room and yet has to respond to this server lock up immediately? Well, an IP-based KVM Switch such as Kripman, with a remote power control module, such as **ioPower.M / ioPower.S**, might be the right and the only reliable solution....

In this servers crisis management infrastructure, Kripman offers an anytime anywhere access and control platform to your remote servers, and **ioPower.M / ioPower.S** is the indispensable power control unit that enables the forced power on/off and power cycling capability from authorized remote clients.

To enable the remote power management capability of your IP-based KVM Switch Solution, **ioPower.M / ioPower.S** is your right choice for a remote power on/off control of your remote servers, networking devices or other AC-powered devices via ASCII commands sent over serial connection.

ioPower.M / ioPower.S works seamlessly with Kripman's viewer interface to implement a total power control of your server room anytime anywhere in the world. The server admin no longer has to call the server room to help switch off and on the sever power ever again.



ioPower.M / ioPower.S in cascaded configuration
(here used as Kripman accessory for Remote Power Control)

Features

Hardware

- Can be used alone or cascaded with multiple downstream units for power control of 8 to 100 more AC-powered devices [**ioPower.M** + downstream **ioPower.S** units]
- Connected with a host PC via serial interface (RS-232) [only for **ioPower.M**]
- Allows full control of 8 AC power outlets using ASCII commands over a serial interface
- Cascadable up to 16 units [1 x **ioPower.M** + 1 x 15 downstream **ioPower.S**] and control up to 128 AC power outlets, using UTP cables over RJ-45 interfaces
- 19" rack-mountable design with metal case
- Numerical display to show power module bank number when in multiple cascaded application
- Numerical display to monitor total current loads (showing 0.0 ~ 15A)
- 8 green (ON/OFF) LED indicators to show the ON/OFF status of each A/C power outlet
- 8 red (Alarm) LED indicators to show the state of failure of each AC power outlet
- "One-Touch" power ON/Off control by front-panel buttons (with 5" time-delay for activation/deactivation)

ioPower Management Software (Only for use with ioPower.M – the Master Unit)

- Intuitive user interface with virtual front-panel, power buttons and LED indicators
- Current loads (per port/total) and bank number displays
- Auto-configuration of COM port
- Power On/Off Timer function
- Simultaneous Power on/off all ports of one/all banks
- Power On/Off confirmation dialog prompt
- Host PC scheduled shutdown
- Remote power activation/deactivation based on duration/specific time point/daily-weekly recurrence timer settings
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Specifications

Model Name	ioPower.M	ioPower.S
Input Voltage	100 ~ 240 VAC @ 50~60 Hz	100 ~ 240 VAC @ 50~60 Hz
Output Voltage	100 ~ 240 VAC @ 50~60 Hz	100 ~ 240 VAC @ 50~60 Hz
AC Output	8 total	8 total
Local control interface	RS-232 / DB-9	N/A
Cascade port	Cascade In – RJ-45 Cascade Out – RJ-45	Cascade In – RJ-45 Cascade Out – RJ-45
Remote Control Interface	ioPower Management Software Kripman Viewer (as Kripman accessory)	ioPower Management Software (via ioPower.M , when cascaded) Kripman Viewer (as Kripman accessory)
Current Overload Protection	15 amp max. overall 6 amp max. per port	15 amp max. overall 6 amp max. per port
Operating Temperature	0~45°C	0~45°C
Operating humidity	10~90% RH	10~90% RH
Storage Temperature	-20 ~ 70°C	-20 ~ 70°C
Storage Humidity	0~90% RH	0~90% RH
Dimensions (L x W x H)	410 x 165 x 44.5 mm	410 x 165 x 44.5 mm