Power Rack

User Manual

Model : **PR816-12R**

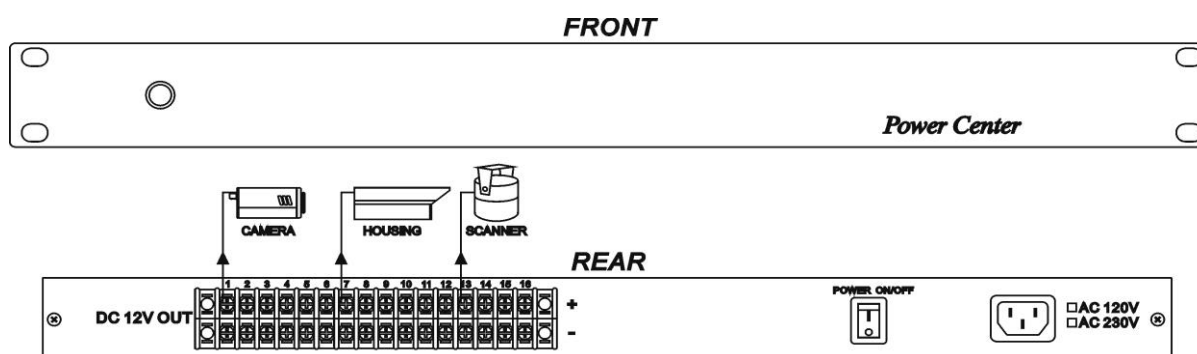8 Amp 16 Port DC12V Regulated Power Supply in 1U Rack

Introduction

PR816-12R is a power supply in a 19" standard 1U rack, which can transform AC120V or 230V to 16 ports of regulated DC12V 0.5A output. It's a perfect power supply for numbers of cameras, housing, pan tilt turning devices or other surveillance equipment in a security center.

Features

- Built-in NFB to avoid current overload.
- Built-in PTC fuse for overcurrent and resettable protection on each port.
- Built-in a fan at front and back panel to lower the operating temperature.
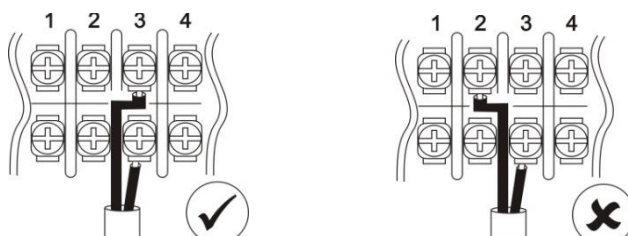
Installation View

Caution for Operation

1. PR801 built-in short protection circuit, the device will open while it is in short condition. Please check the system to find out what caused short. After the problem has been solved, reset the power switch and then the system will operate properly.

2. PR816 has built-in resettable fuse on each port. The device will open while it is in short condition. Please check the system to find out what caused short and solve it. The device will auto reset after the system is recovered.

Caution

Connect only one device to one port, never connect one device to two different ports, or it will lose protection. (See below drawing)

Specification

ITEM NO.	PR816-12R
Support	
Output Voltage	DC12V (Regulated)
Output Current	0.5A/ Port
Output Trip Current	1A / Port
Short Cut Time	0.2 Sec/ Port
Cut Current / Time	2.5A/ 4Sec
Resettable Output/ Time	Auto/ 1 sec (Min)
Total Output Current	8A (Max)
Ports & Interfaces	
Power Input	1 x Power Core
Power Output	16 x 2-pin Terminal Block
Ambient Temperature	
Operation	-10 to 45℃
Storage	-30 to 70℃
Humidity	up to 95%
Physical Characteristics	
Dimensions	437 x 170 x 44mm
Weight	4000g

RoHS CE