8A 16-Port 500mA DC12V Rack Mount Regulated Power Supply

GPR816/12R

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Quick Start Guide

Please read these instructions carefully before operating the unit and keep for further reference. All the examples and pictures used here are for reference only. The contents of this manual are subject to change without notice.

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The Genie GPR816/12R 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 a number of cameras, housings, pan tilt turning devices or other surveillance equipment.
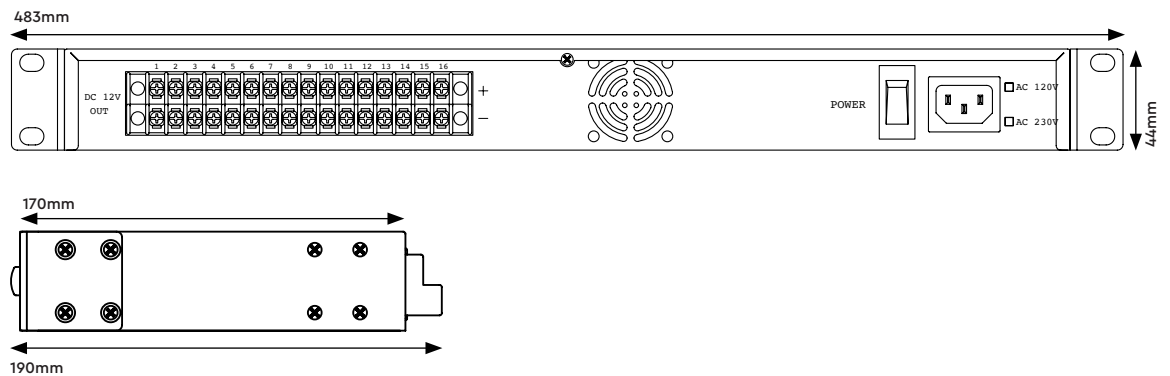
Features

- 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

Specifications

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 × 2-pin Terminal Block
Others	Temperature	Operating: -10 to 45°C Storage: -30 to 70°C Humidity: Up to 95%
	Dimensions	437 × 170 × 44mm
	Weight	4000g

Dimensions

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Installation View

Front

Back

Camera Housing Scanner
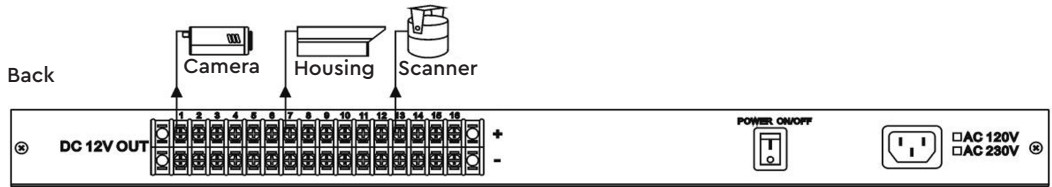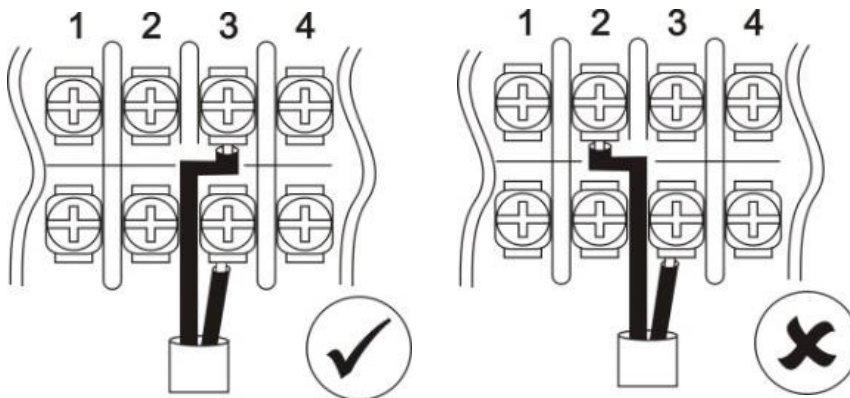

Caution for Operation

1. GPR816/12R has a 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. GPR816/12R has a 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).

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