Ruijie RG-E-120(GE) & RG-E-130(GE) Power Injectors Datasheet

Ruijie Networks Co., Ltd.

Grasp the Application Trends Sharply, Satisfy Customers' Needs Swiftly

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Ruijie RG-E-130(GE) Power Injector

Ruijie RG-E-120(GE) Power Injector

2 Product Features

Ruijie RG-E-120(GE) and RG-E-130(GE) Power Injectors are designed to power remote management products such as wireless access points, SOHO switches, IP phones, webcams and so on. The Power Injectors, compliant with IEEE 802.3at standard, are PSE adapters supporting such products with PoE (Power over Ethernet) power supply. All the RJ45 ports on the Power Injector support auto MDI/MDIX cable recognition and the power injectors sustain power transmission via cable for up to 100m, enabling flexible deployment of powered devices (PDs). The Ruijie RG-E-120(GE) and RG-E-130(GE) Power Injectors provide excellent short circuit protection and enables intelligent automated PD recognition. The Power Injectors detect if the connected device is a PD to eliminate all the possible harms a PSE appliance would cause to a non-PoE device. The modern and exquisite Ruijie Power Injectors offer maximized investment cost savings and are an ideal for an extensive range of network settings such as large-scale campus, enterprise, public hotspots, sports stadium, etc.

Ruijie RG-E-120(GE) and RG-E-130(GE) Power Injectors deliver the following features:

- Up to 30W of Power (RG-E-130(GE) only)
- IEEE 802.3at Compliant with 2-event Classification (RG-E-130(GE) only)
- Compatible with all IEEE 802.3af standards
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non–standard Ethernet Terminals
- Supports 10/100/1000Base-T Applications
- Compact Design Fits Easily in WLAN Access Point Installations

Ruijie RG-E-130(GE) Power Injector RJ-45 Ports

3 Technical Specifications

	RG-E-120(GE)	RG-E-130(GE)
Ports	10/100/1000 Mbps Copper port (RJ-45) 10/100/1000 Mbps PoE Copper port (RJ-45)	
Power	Output Power Voltage: 50V DC Output Port Power: 15.4W	Output Power Voltage: 53V DC Output Port Power: 30W
Dimensions (W x H x L) (mm)	53 x 32.5 x 140	87.9 x 51.3 x166
Weight	200g	350g
Temperature	Operating Temperature: 0°C to 45°C Storage Temperature: -30°C to 85°C	
Humidity	Operating Humidity: 5% to 90% (non-condensing) Storage Humidity: 5% to 95% (non-condensing)	
Altitude	Operating Altitude: 0 to 3048m	
Regulatory Compliance	IEEE 802.3at, IEEE 802.3af RoHS Compliant, WEEE Compliant, CE	
MTBF	>100,000 hours @25°C	
Electromagnetic Emission & Immunity Safety Approval	FCC Part 15, EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI, UL/cUL Per EN 60950-1, GS Mark Per EN 60950-1	

4 Ordering Information

Model	Description
RG-E-120(GE)	1-port PoE adapter, Gigabit port, support PoE (802.3af)
RG-E-130(GE)	1-port PoE adapter, Gigabit port, support PoE+ (802.3at)

5 More Information

For more information about the Ruijie RG-E-120(GE) and RG-E-130(GE) Power Injectors, please visit http://www.ruijienetworks.com or contact our local Ruijie sales representative.

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