

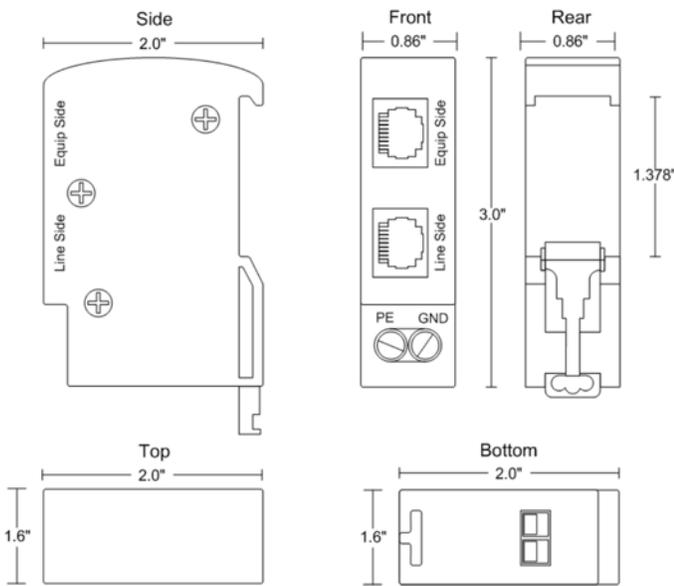


Description

The **IPGPU1** is a single port in-line, 10/100/1000 Ethernet & PoE+ surge protector with Shielded RJ45 connectors. It works for both shielded and non-shielded applications. The DIN rail mounting design enables multiple units to be installed side by side in a compact space. The RK1GP rack mount DIN rail is sold separately. The unit has shielded RJ45 jacks with dual point screw earth ground connections for easy and quick installation.

Specifications

Nominal Operating Voltage (Un):	2.8V(Ethernet)/48V(PoE)
Max. Continuous Operating Voltage (UC):	3V(Ethernet)/60V(PoE)
Nominal Discharge Current (In @8/20µs):	3kA (line to line)
Max. Discharge Current (Imax @8/20µs):	20kA (line to earth - 8/20)
Protection Modes:	1-2,3-6,4-5,7-8
Protective Element:	TVS, GDT
Voltage protection level (Up of line to line):	50V @ 3kV (1.2/50)
Voltage protection level (Up of line to earth):	700/800V @ 3kV (1.2/50)
PoE protection level:	48 – 60VDC
Network Transmission Rates:	10/100/1000
Response Time (tA):	<1ns
Temperature Range:	- 40° to 176°F (-40° to 80°C)
Relative Humidity:	0% to 95% noncondensing
Housing Material:	Thermoplastic UL 94 V-0
Protection Rating (IP Code):	IP 20
Din Rail EN60715:	35mm top-hat rail
Terminal Screw Torque:	Max. 0.25Nm
Net Weight Per Unit:	0.16Lb (71g)
Package Dimension (WxDxH):	0.9"x2.0"x3.1" (24mmx51mmx78mm)
Stripping Length Contacts:	0.25inches (6-7mm)
Net Weight per Unit:	0.16lbs (71g)
Maximum Operating Altitude:	10,000 feet (3000m)
Surge Life at 0.5kA (8/20µs):	>2000 events
Attenuation:	< 0.5db @ 100Mhz
Cross-sectional area of earth lead:	3mm ² multistranded / flexible
Connection mode:	RJ45



Features

- Single Channel Multi-Stage
- Modular top hat 35mm din rail design
- For both Shielded and non-Shielded applications
- Protects IP data and PoE circuits
- Support mega-pixel IP cameras
- Compatible with PoE+ power
- <1 Nano second clamping time
- IEC International Standard 60715
- Limited Lifetime Warranty

UL Listed
UL 497B



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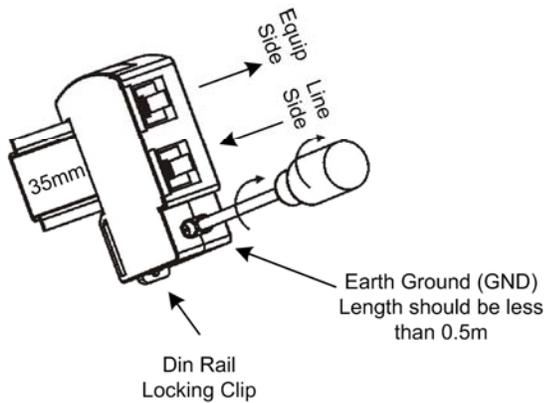
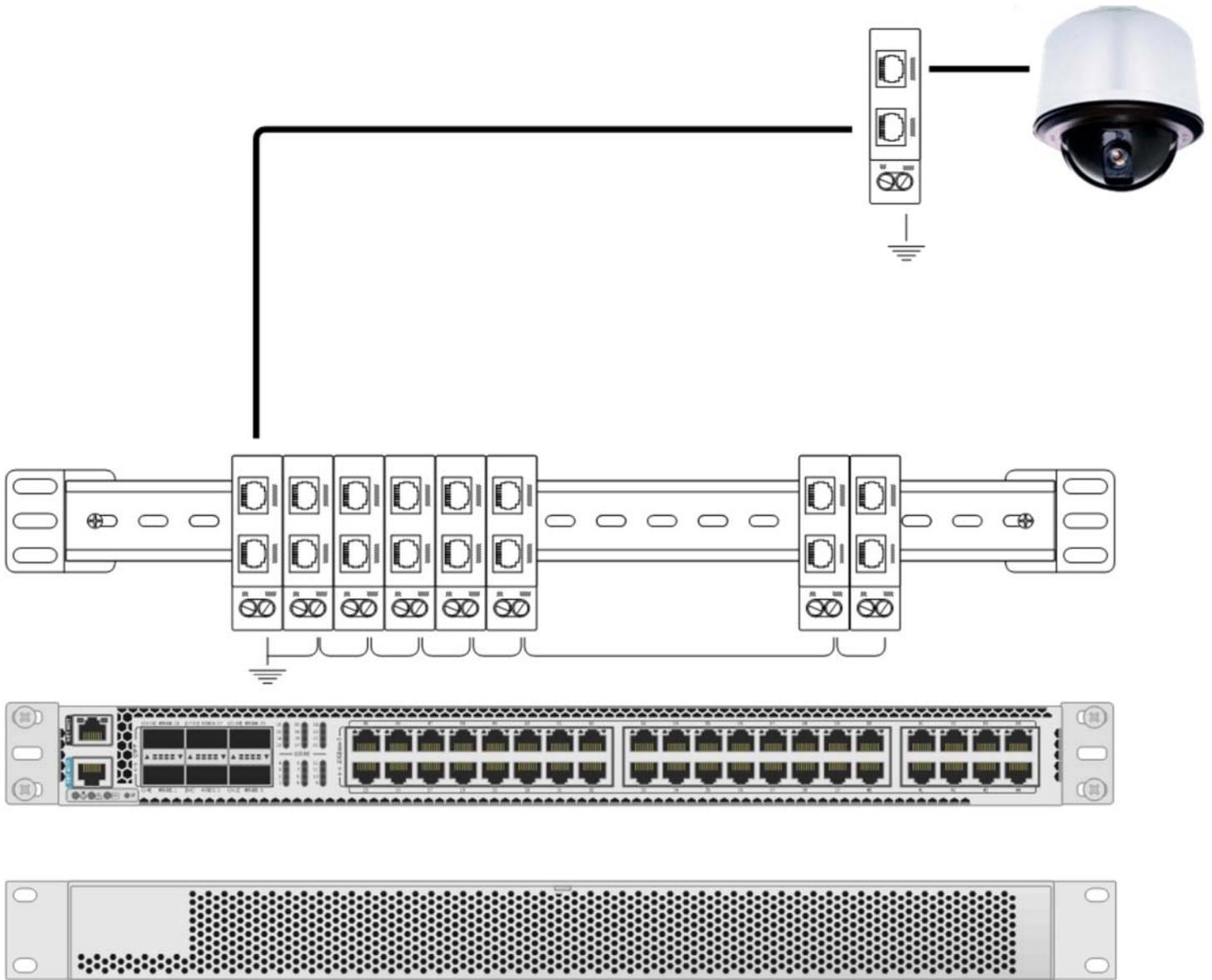
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TECHNICAL SPECIFICATION



UL Listed
UL 497B



RoHS
COMPLIANT
2002/95/EC



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