

## LPB-101G-P

### Lightning Protector for Fast/Gigabit Ethernet PoE



1-line Fast/Gigabit Ethernet 10/100/1000Mbps  
Lightning Protector for PoE

#### Features

- **Disperse Lightning Flows**  
With LPB-101G-P securely installed allowing lightning to be conducted into ground.
- **Easy to Install**  
Easy connection for cables terminated with RJ-45, protects equipment from lightning strikes.
- **Compatible with PoE**  
LPB-101G-P are fully compatible with standard Power over Ethernet (PoE) devices and Ethernet networks, providing protection to both Ethernet data pairs as well as PoE power feed.

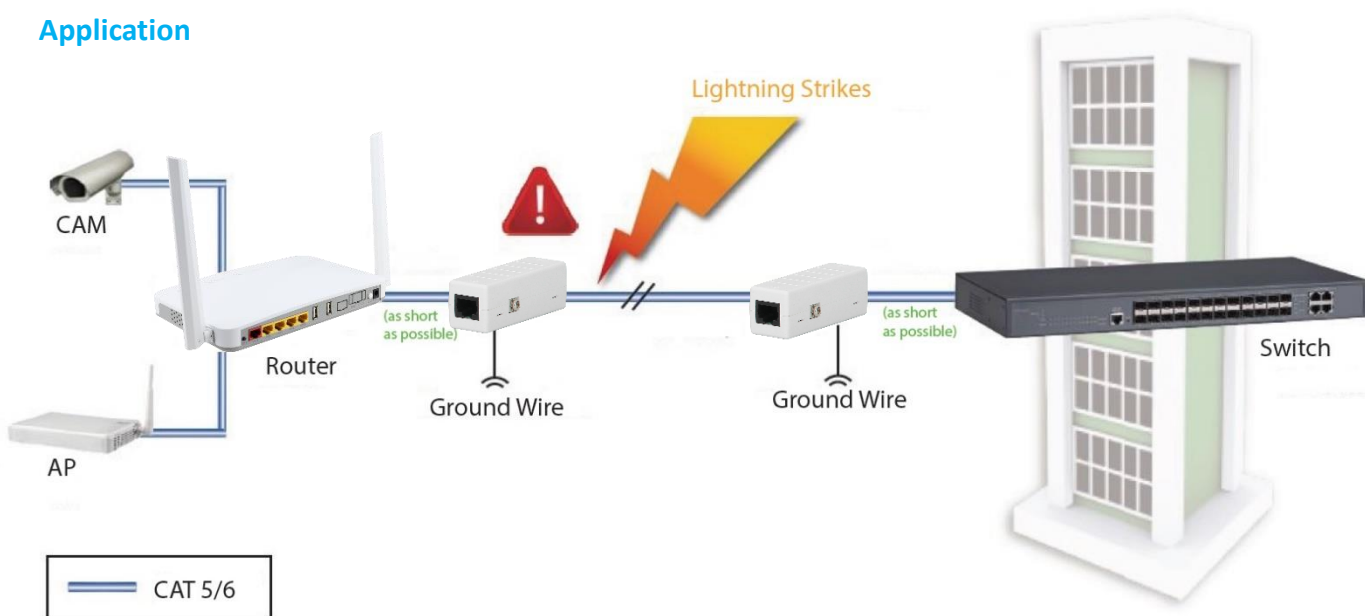
#### Description

Connection Technology System (CTS) LPB-101G-P is a 1-Line Gigabit Ethernet Lightning Protector.

LPB-101G-P can be installed for protection from lightning. It can be placed in flat desk or fixed on the wall depending on the plan site.

LPB-101G-P is able to conduct lightning strikes into the ground through a ground wire, to prevent lightning from hitting unprotected Ethernet devices.

#### Application



### Specification

**■ Interface**

-2 x 10/100/1000Base-T RJ-45

**■ H/W Specification**

- Comply with 10/700us 6KV common mode lightning surge test (ground wire must be properly installed)
- Provide one-line Ethernet Lightning protection
- Bypass IEEE 802.3af/at PoE power
- Arrest Capacity: 1000A @ 8/20uS
- Ignition Voltage: 68VDC

**■ Environmental Condition**

Operation: 0°C ~ 50°C  
 Storage Temperature: -20°C ~ 60°C  
 Humidity: 5% ~ 90%, Non-condensing

**■ Dimension & Weight**

Size: 70 x 25 x 25 mm (W x D x H)  
 Weight: 0.3 Kg

**■ EMC/Safety**

ITU-T K.21  
 IEC 61000-4-5

### Order Information

**LPB-101G-P**

Model	Copper Port				Operating Temperature
	Speed	Type	Input Port	Output Port	
LPB-101G-P	10/100/1000Mbps	RJ-45 w/ PoE	1	1	0°C ~ 50°C