

**DPE-101GI**  
**1-Port Gigabit PoE Injector**

**External Specification**  
**Version 1.00**

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## Revision History

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Version	Revised Date	Person Name	Content Revised
1.00	2010/7/28	Arthur Chiang	First Edition

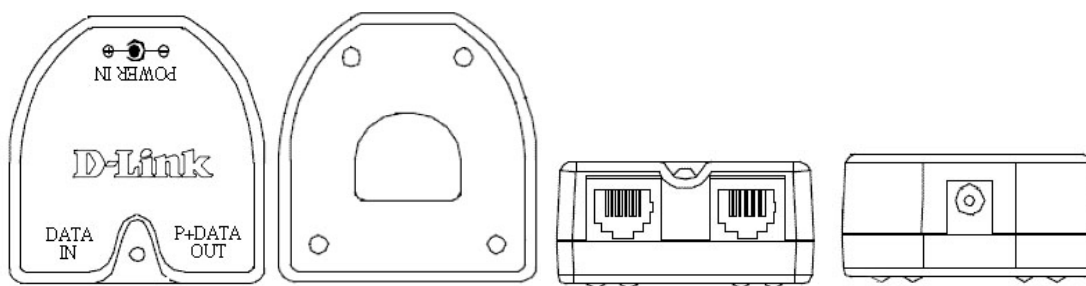
## Product Descriptions:

The DPE-101GI Power Over Ethernet (POE) Injector is designed to supply power to PoE Wireless Access Points, IP Cameras or some other PoE terminal devices through Ethernet cable. DPE-101GI fed 48V DC power over unused pairs (4,5,7,8) of the TIA/EIA-568 Cat 5/5e/6 through the Gigabit Ethernet PoE port. With higher bandwidth, DPE-101GI is able to support new applications such as 802.11n or HD-video.

## Product Specifications:

### 1 Outlook

#### 1.1 Mechanism Design



#### 1.2 LED Indicators

Location	LED Indicative	Status	Description
Per Device	Power	Solid Light	Device Power On
		Light off	Device Power Off

### 2 Hardware Spec

Features	Description
Dimension	57.4mm(L) x 55.0mm (W) x 27.0mm(H)
Operation Temperature	0°C~50°C
Storage Temperature	-20°C~70°C
Humidity	Operation: 10% ~ 90% RH □Storage: 5% ~ 90% RH
MTBF	>1,500,000 hours
<b>Green</b>	
RoHS	Comply with RoHS 6
<b>Power</b>	
48V DC Power Adapter	Maximum power output: 0.4A@48V
Maximum Power Consumption	19.2 Watts
<b>Port Function</b>	
Data Port	- 10/100/1000Base-T ports - Port functions: 1. Support half/full-Duplex operations 2. IEEE 802.3 compliance 3. IEEE 802.3u compliance 4. IEEE 802.3ab compliance
P+Data Port	- 10/100/1000Base-T ports - Port functions: 1. Support half/full-Duplex operations 2. IEEE 802.3 compliance 3. IEEE 802.3u compliance

4. IEEE 802.3ab compliance		
- PoE pin out		
Pin	Signal	Description
1	Tx1(+)	
2	Tx1(-)	
3	Rx1(+)	
4	Tx2(+) & Power+	+48V
5	Tx2(-) & Power+	+48V
6	Rx1(-)	
7	Rx2(+) & Power-	GND
8	Rx2(-) & Power-	GND

### 3 Hardware Certifications and Test Reports:

#### 3.1 EMC Certificates and Test Reports

Certification	Detailed Description
CE	CE Report (89/336/EEC(EN55022/24), 2004/108/EC) Class B
FCC	FCC report(FCC CFR 47 Part 15 B) Class B
IC	IC report(ICES-003), IC report(ICES-006) Class B
C-Tick	C-Tick Report(AS/NZS CISPR 22) Class B
VCCI	VCCI Report(CISPR 22) Class B

#### 3.2 RoHS

Substance	Content
<b>For Appliances &amp; Accessories</b>	
Cadmium/ Cadmium Compounds	<80ppm
Hexavalent Chromium/ Hexavalent Chromium Compounds	<800ppm
Lead/ Lead Compounds	<800ppm
Mercury/ Mercury Compounds	<800ppm
Polybrominated Biphenyls (PBBs)	<800ppm
Polybrominated Diphenylethers (PBDEs)	<800ppm
<b>For Packing</b>	
Cadmium Chromium VI, Lead and Mercury compounds	<100ppm