



DIGISOL®

SWITCHING SOLUTIONS

DIGISOL 48V DC Desktop Mount Gigabit Ethernet PoE Injector

DG-PE2248D (H/W Ver. B1)



Key Features:-

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE802.3af/ IEEE802.3at Standards
- Transmits electrical power and data on the single Ethernet Cable
- Compatible with IEEE802.3af/ IEEE802.3at compliant devices
- Supplies power up to 30 watts
- Integrated power module
- Plug-and-Play installation
- Compact Design



Introduction:-

DIGISOL DG-PE2248D Power over Ethernet Injector allows to connect IEEE 802.3af/ IEEE 802.3at compliant network devices to a non-PoE LAN switch port. The injector can be used to connect a surveillance camera or any IEEE 802.3af/ IEEE 802.3at compliant powered device (PD) to a switch. DG-PE2248D effectively provides Ethernet data and DC power to a PoE compliant device (IEEE 802.3af/ IEEE 802.3at compliant) using a single Ethernet cable.



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Technical Specifications:-

Hardware Specifications

- One Power Connector
- One 10/100/1000 Mbps Ethernet Data In Port
- One 10/100/1000 Mbps Ethernet Power & (PoE Out)

Standards Compliance

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-TX Fast Ethernet
- IEEE802.3af/ IEEE802.3at Power over Ethernet (PoE)
- IEEE802.3ab 1000BASE-T Gigabit Ethernet

Ethernet Pin Usage

- Data: Pin No. 1, 2, 3, 6
- Power: Pin No.1 & 2 (-ve), 3 & 6 (+Ve)

LED Indicator

- Power, PoE

Data Transfer rates

- 1000 Mbps
- 100 Mbps

Network Cables

- 100Base-Tx: UTP Cat5/ 5e/ 6 (100m)

Power

- Input: AC 100~ 240V, 50~ 60Hz
- PoE Out: 48V~52V DC

Environmental Specifications

- Operating Temperature: 0° C to 40° C

- Storage Temperature: -10° C to 60° C
- Operating Humidity: 10% to 90% RH, non-condensing
- Storage Humidity: 5% to 90% RH, non-condensing

Dimension

- Net: 143 (L) x 60 (W) x 40 (H)mm
- Gross: 175 (L) x 115 (W) x 60 (H)mm

Weight

- Net: 0.17kg

PnP

Ordering Information:-

DG-PE2248D (H/W Ver. B1): DIGISOL 48V DC Desktop Mount Gigabit Ethernet PoE Injector

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

• Product image and technical specification are subject to change without prior notice.

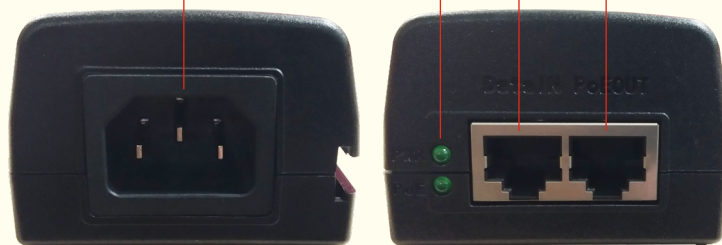
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POWER SOCKET

LED INDICATOR

DATA IN

PoE OUT



DIGISOL is a Subsidiary of Smartlink Holdings Limited

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