



Functional Overview

The PD-1000T is a PoE powered-device unit that draws power from an IEEE 802.3at/af source and provides a 12 V DC output with up to 30 W. It automatically detects PoE terminals and supplies inline power, while allowing data communication over standard Ethernet cabling. The unit is intended to add PoE support to non-PoE devices and includes short-circuit protection together with Ethernet isolation and ESD protection.

POE INPUT
Data + power

DC OUTPUT
12 V

MAX POWER
30 W

PROTECTION
+/- 15 kV

Key Functions

- Automatically detects PoE terminals and supplies inline power
- Auto-sensing power from IEEE 802.3at/af power-source equipment
- Converts non-PoE devices to PoE support
- Short-circuit protection for connected network devices
- Ethernet isolation with ESD protection

Technical Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3at, IEEE 802.3af
Input	Data + Power: RJ45
Output	Data + Power: RJ45
Input voltage	48 VDC
Output voltage	12 VDC
Max. power output	30 W
DC jack diameter	5.5 x 2.1 mm
LED	Power on/off
ESD / surge protection	+/- 15 kV
Dimensions	100 x 47 x 27 mm
Weight	50 g