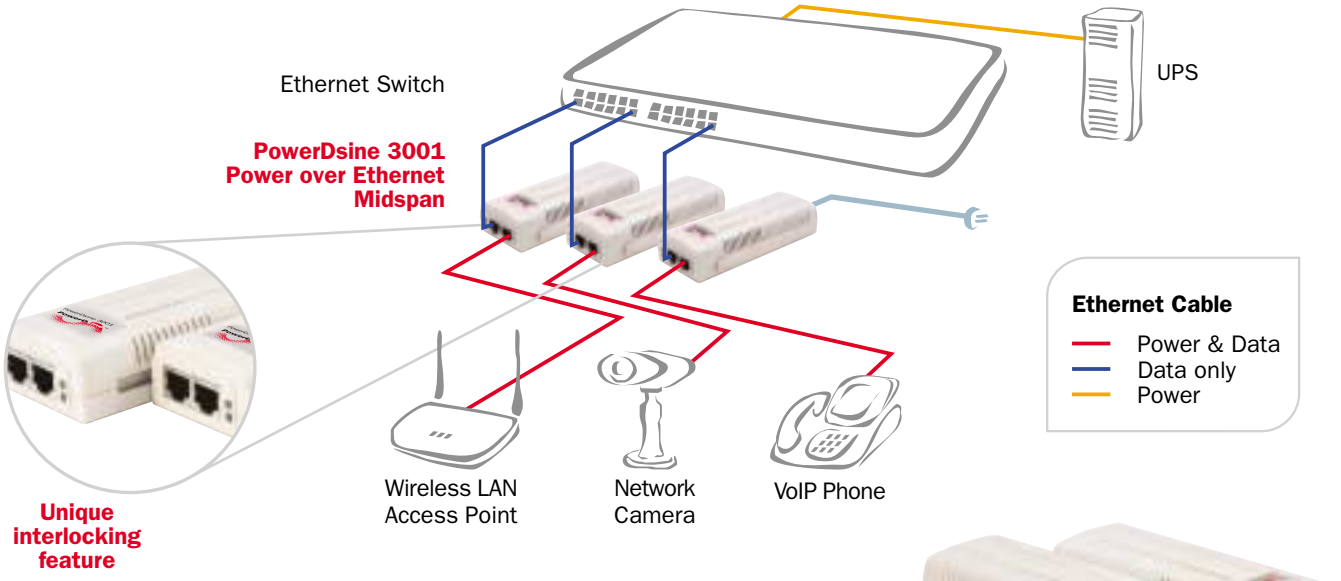
PowerDsine 3001

Compact and Cost-Effective 1-Port Power over Ethernet Midspan

PowerDsine's 3001 Power over Ethernet (PoE) 3001 single port Midspan offers a compact and cost effective, fully IEEE 802.3af compliant solution for remote powering of wireless LAN (WLAN) access points, and other low port density installations.

The 3001 PoE Midspan eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.



Benefits

- Cost-effective power distribution for WLAN access point installations
- Safe powering of standard compliant, as well as Pre-standard end-terminals
- Investment protection of existing Ethernet switches and cabling infrastructure
- Saves time and reduces installation costs
- Easy plug-and-play installation
- Several units can be mounted adjacently for powering more than one Ethernet terminal
- Cleans up low-density wireless LAN deployment and eliminates the need for multiple one-port PoE solutions.

Features

- Fully IEEE 802.3af standard compliant
- Compatible with IEEE 802.3af or legacy Cisco powered devices
- Safe and reliable powering of WLAN access points
- Automatic detection and protection of non - standard Ethernet terminals
- Compact design specifically tailored for WLAN access point installation
- Unique interlocking feature to connect multiple units
- Internal AC/DC converter - no need for external power brick.

PowerDsine™

The Power over Ethernet Pioneers

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Description of Features

- **Compact Design** - PowerDsine's 3001 is a small and compact standalone product. No additional components are needed. Just add an IEC320 standard line cord.
- **Standard Compliance** - PowerDsine's 3001 PoE midspan is fully compatible with IEEE 802.3af standard. It features a standard auto-sensing algorithm and provides safe power to remote terminals.
- **Upgrade Legacy Ethernet Switches** - The PowerDsine 3001 Power over Ethernet (PoE) midspan connects to legacy Ethernet infrastructure, enables users to upgrade their existing Ethernet switches and provide power over Ethernet capabilities. The PowerDsine 3001 generates safe power over standard Category 5 cabling. By sending 48V, Ethernet terminals such as wireless LAN access points, IP Phones and network cameras are powered remotely. An external splitter may be installed where a device is not standard compliant.
- **Scalable Design** - PowerDsine's 3001 has an exclusive interlocking feature which connects multiple units together side by side to support more than one wireless LAN access point. It is especially designed for small business and low-port density installations.
- **Centralized Power Distribution** - Deploying a PoE midspan in conjunction with a central UPS provides a cost-effective way to distribute backup power and ensures uninterrupted operation of the network during electrical power failure.
- **Easy to Install** - PowerDsine's 3001 Power over Ethernet midspan is a plug-and-play device. Once turned on, it automatically detects the Power over Ethernet terminal and supplies Power over Ethernet.
- **Concise LED Displays** - The PowerDsine's 3001 has two LEDs, indicating normal, overload or short-circuit conditions.

Specifications

No. of Ports	1
Data Rates	10/100 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (–) Output Power Voltage: –48V User Port Power: 15.4W min.
Input Power Requirements	AC Input Voltage: 90 to 264 Vac AC Input Current: 0.5A @ 110–220 Vac AC Frequency: 47 to 63 Hz
Dimensions	60 mm (W) x 31 mm (H) x 145 mm (L)
Weight	1 lbs (450 g)
Indicators	System Indicator: AC Power (Green) User Indicator: Channel Power (Green)
Connectors	Shielded RJ–45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 32° to 104°F (0 to 40°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: –4° to 158°F (–20° to 70°C) Storage Humidity: Maximum 93%, Non-condensing Operating Altitude: –1000 to 10,000 ft. (–304.8 to 3048 m)
Regulatory Compliance	CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B with FTP cabling EN 55022 (CISPR 22) Class B with FTP cabling EN 55024 (CISPR 24)
Safety Approvals	UL/cUL Per EN 60950 GS Mark Per EN 60950

Ordering Information

Order Number	Description
1-port Power over Ethernet Midspan	
PD-3001/AC	AC input

* Midspans also available in 6 and 12 port versions.

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