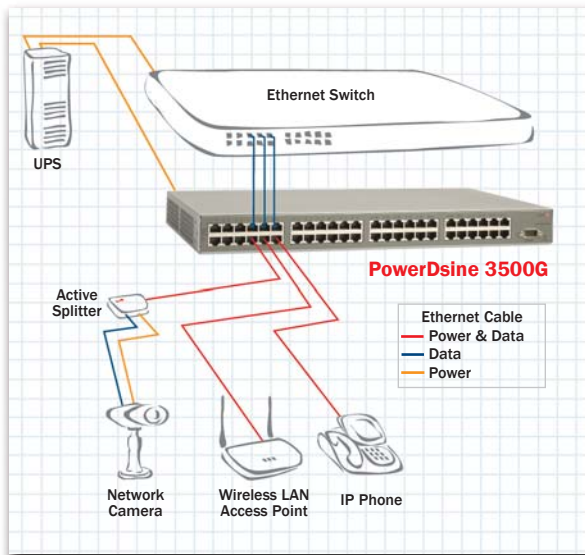


# PowerDsine® 3500G Family

Unmanaged Gigabit Midspans for the enterprise market



## Overview

PowerDsine 3500G family offers a cost effective, fully IEEE 802.3af compliant solution to upgrade existing infrastructure with PoE, providing a maximum of 15.4 Watts of power through each port and ensuring safe operation of any standard PoE data terminal. It allows IP telephones, wireless LAN access points, security network cameras and IP terminals to receive power, along with data at Gigabit speed, over standard Ethernet cables, leaving network infrastructure completely unaltered.

## PD-3500G Features

- A cost-effective solution to upgrade existing infrastructure to PoE
- Supports Gigabit data transfer rates
- Safe & reliable power over existing Ethernet infrastructure
- Safe solution that Protects network infrastructure
- Scalable 6, 12 & 24 port models for optimized installation
- Fully 802.3af standard compliant
- Cisco and legacy PoE support

## PD-3500G Specifications

<b>No. of Ports</b>	6/12/24
<b>Pass Through Data Rates</b>	10/100/1000 Mbps
<b>Power over Ethernet Output</b>	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 48Vdc User Port Power: 15.4Watts Max. Aggregate Power: 400Watts
<b>Input Power Requirements</b>	AC Input Voltage: 90 to 264 Vac AC Input Current: 4A @ 110 Vac 2A @ 240 Vac AC Frequency: 50 to 60 Hz
<b>Dimensions</b>	438 mm x 272 mm x 44 mm 17.3 in. x 17.7 in. x 1.73 in
<b>Weight</b>	8.8 lbs (4 kg)
<b>Indicators</b>	System Indicator: AC Power (Green)  User Indicator: Channel Power (Green)
<b>Connectors</b>	Shielded RJ-45, EIA 568A and 568B
<b>Environmental Conditions</b>	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 95%, Non-condensing  Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)
<b>Reliability</b>	MTBF: 100,000 hrs. @25°C
<b>Thermal Rating</b>	300 BTU/Hr (@240VAC)
<b>Warranty</b>	1-year
<b>Regulatory Compliance</b>	IEEE 802.3af (PoE), RoHS Compliant WEEE Compliant, CE
<b>Electromagnetic Emission &amp; Immunity</b>	FCC Part 15, Class B with FTP cabling EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
<b>Safety Approvals</b>	UL/cUL Per EN 60950 GS Mark Per EN 60950

## Ordering Information



Part Number	Name	Description
PD-3506G/AC	PowerDsine 3506G	6-port, 100W total power
PD-3512G/AC	PowerDsine 3512G	12-port, 200W total power
PD-3524G/AC	PowerDsine 3524G	24-port, 200W total power
PD-3524G/AC/F	PowerDsine 3524G	24-port, 400W total power