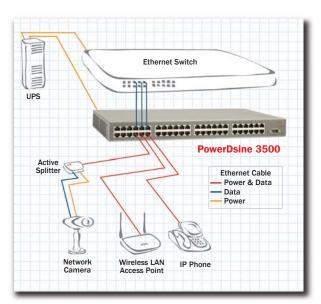
PowerDsine® 3500 Family

Unmanaged Midspans for the enterprise market



Overview

PowerDsine 3500 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, over standard Ethernet cables, leaving network infrastructure completely unaltered.

PD-3500 Features

- A cost-effective solution to upgrade existing infrastructure to PoE
- 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-3500 Specifications

AC Power (Green) User Indicator: Channel Power (Green) Connectors Shielded RJ-45, EIA 568A and 568B Environmental 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)	No. of Ports	6/12/24	
Output4/5 (+), 7/8 (-) Output Power Voltage: 48Vdc User Port Power: 15.4Watts Max. Aggregate Power: up to 200WattsInput Power RequirementsAC Input Voltage: 90 to 264 Vac AC Input Current: 4A @ 110 Vac 2A @ 240 Vac AC Frequency: 50 to 60 HzDimensions438 mm x 272 mm x 44 mm 17.3 in. x 17.7 in. x 1.73 in 8.8 lbs (4 kg)IndicatorsSystem Indicator: AC Power (Green)ConnectorsShielded RJ-45, EIA 568A and 568BEnvironmental ConditionsOperating Ambient Temperature: 32° to 104°F (0 to 40°C)Operating Humidity: Maximum 90%, Non-condensingStorage Temperature: -4° to 158°F (-20° to 70°C)Storage Humidity: Maximum 95%, Non-condensingReliabilityMTBF: 100,000 hrs. @25°CThermal Rating300 BTU/Hr (@240VAC)Warranty1-yearRegulatory ComplianceIEEE 802.3af (PoE), RoHS Compliant ComplianceComplianceUEEE Compliant, CEElectromagnetic Ensison & ImmunityFCC Part 15, Class B with FTP cablin EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI	Pass Through Data Rates	10/100 Mbps	
RequirementsAC Input Current:4A @ 110 Vac 2A @ 240 Vac AC Frequency:50 to 60 HzDimensions438 mm x 272 mm x 44 mm 17.3 in. x 17.7 in. x 1.73 inWeight8.8 lbs (4 kg)IndicatorsSystem Indicator: AC Power (Green)User IndicatorsSystem Indicator: Channel Power (Green)ConnectorsShielded RJ-45, EIA 568A and 568BEnvironmental ConditionsOperating Ambient Temperature: 32° to 104°F (0 to 40°C)Operating Humidity: Maximum 90%, Non-condensingStorage Temperature: -4° to 158°F (-20° to 70°C)Storage Humidity: Maximum 95%, Non-condensingOperating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)ReliabilityMTBF: 100,000 hrs. @25°CThermal Rating300 BTU/Hr (@240VAC)Warranty1-yearRegulatory ComplianceIEEE 802.3af (PoE), RoHS Compliant ComplianceElectromagnetic Enission & ImmunityFCC Part 15, Class B with FTP cablin EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCISafety ApprovalsUL/cUL Per EN 60950		4/5 (+), 7/8 (–) Output Power Voltage: 48Vdc User Port Power: 15.4Watts Max.	
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Emission & Immunity EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI Safety Approvals UL/cUL Per EN 60950	• •		iant
, , ,	-	EN 55022 Class B (Emissions)	blin
	Safety Approvals	,	_

Ordering Information



 Part Number
 Name

 PD-3506/AC
 PowerD

 PD-3512/AC
 PowerD

 PD-3524/AC
 PowerD

PowerDsine 3506 PowerDsine 3512 PowerDsine 3524

Description

6-port, 100W total power 12-port, 200W total power 24-port, 200W total power

