

ATX LED

100% DC low voltage

Atx Led Consultants Inc
815-A Brazos #326
Austin Tx, 78701
512 377 6052

<http://atx-led.com>

PL-ATS-8-7D

8 port 802.3at switch with PoE and DALI

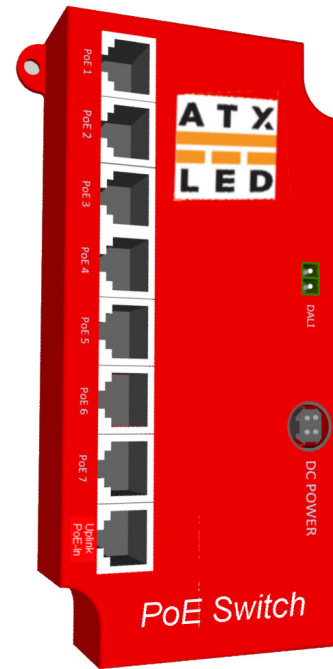
Product Description - PL-ATS-8-7D

This PoE switch provides 10/100 Data and 802.3at power to 7 outputs with 25 watts each. It fits into standard AV structured media panels. Ideal LED lighting, Cameras, WiFi, Phones and all PoE devices.

It is housed in the ATX LED SML 3x5 case ideal for structured wiring panels. The DIN4 connector provides rock solid connections and fits the AL-PS-51v96w power supply exactly.

The device has one uplink port for data with PoE input capability. 7 PoE output ports with 802.3at operation and auto-negotiation.

It uses the proven IP178G Ethernet switch with VLAN functions. It has a DALI connector for DALI power control of each of the PoE outputs and management of the Ethernet switch features.



sml Format

LED status display

There are 1 Green LED and one Orange LED per port. Green indicates DATA link, Orange indicates PoE power active.

This device is a member of the ATX LED sml family for Structured Media Panels. This allows 8 devices in a 14x14 panel. Other devices include our 51v 96w power supply, PSE48 distribution panel, Raspberry Pi hat, and DALI controlled PoE Switch.

Specifications

Power source	DIN 4 connector
PoE and Data Out	RJ45 connectors (7 ports with PoE mode A 802.3at), 10/100 speed
Poe and Dali In	RJ45 connector (1, mode B passive), 10/100 speed
Control	DALI standard turn each port On/Off using DALI, monitor each port, set any Ethernet switch function
Power per port	25 Watts per PoE standard
Suggested power source	AL-PS-51v96w or AL-DF10
Input voltage range	44v to 56 volts
Current Limit	Each port is limited to 550 mA
Protection	Reverse protection and static protection
Operating Temperature	0°C ~ 50°C
Size	70 mm x 147mm x 30mm plus 10mm interlocking tabs
Shielded RJ45 connectors	Earth Ground from DIN4 connector
Mounting Kit	Leviton 47615-NYL push pins

[DALI control](#)

This device can be assigned 8 DALI addresses, each address can be turned on and off from a DALI master. The current flowing can be read back by DALI, and the DALI status will show the operating mode. With these simple controls any DALI Master can now turn PoE power on and off. Seven addresses are for the 7 PoE ports. The 8th address is to manage the Ethernet switch. See the User Guide for more details.

[Other SML family products](#)

