



802.3af / at / ultra PoE Adapters



Deliver 15, 30, and 60 Watts of Power to Any Device on Your Network.

IntraLAN PoE Adapter Series (PAS) can provide a power and data connection anywhere on your network infrastructure. With up to 60 Watts of power, the PAS Adapter can supply high demand switches, computers and remote monitors and displays.

Adapters that standardize non-standard devices.

The IntraLAN PAS Adapter is much more than a “splitter” and is fully compliant with 802.3 standards. The adapter allows the powering and controlling of any DC-powered device on the network. Integrated with the appropriate PoE source, the adapters provide advanced network management with complete remote power control. The PoE Adapters also enable all the advanced management features of most of today’s networks with low-end or legacy network equipment.

- Enhance the networking capabilities
- Extend the standard ethernet network beyond the 300-foot limits
- Adopt the standard 803.2 power format to “non-standard” PoE devices and even non-PoE devices

These PoE Power Adapters transform standard 803.2af, at, and at/ultra PoE network appliances, such as an 8-port PoE switch, into a more powerful tool by enabling a network connection and power management to a range of non-standard devices. This is accomplished by “bridging” from the PoE standard format to the power format of the “end device.”

Configurable for all kinds of demanding devices.

IntraLAN Power adapters are available for:

- Any power level
- Any RJ45 “pin out”
- Completely separate power via “pig tail” with any size barrel connector and any voltage.



The Series offer the most flexible and well designed solution for delivering power to any non-standard PoE or non-PoE device on the network. With over 100 configurations ranging from the common 802.3af (15.4 W) format to the most advanced 802.3at/ultra (60 W), the PoE adapter series delivers power to every device.

Non-Standard PoE or even no-PoE components can now be powered and controlled through a managed switch such as the IntraLAN PoE Managed Switches. The unique “pigtail” design provides power in any physical format – the most common DC connectors are available and special connectors can be ordered.

Adapter Models	
Power Format = FF	
Voltage Output = VV	
IPA FFVV	ie: IPA4524

Power Format (FF) for RJ45	
45 – Positive on RJ45 pins 4,5	
78 – Positive on RJ45 pins 7,8	

Power Format (FF) for DC	
21 – 2.1 mm barrel	
25 – 2.5 mm barrel	
32 – 3.2 mm barrel	

Voltage Output (VV)	
5, 6.5, 12, 18, 24, 48V	

802.3af, at, at/ultra Network PAS Adapters

- Fully Compliant with 802.3af and 802.3at standards with Full Power to each device
- Supports non-PoE devices for PoE network
- Smallest Enclosure in the Market
- Output can be In-line RJ45 Adapter or DC Barrel Connector
- Full Range of Output Voltage
- Works seamlessly with all 802.3af and 802.3at power sources. To reach the extreme power of 60 W, the ultra adapters must be powered by the IntraLAN Managed 802.3at/ultra PoE Switch.



Adapter Specifications



Specifications:

Input:	48VDC with 802.3af, at, at/ultra chipset
Input Connector:	48V, 24V, 12V, 9V, 7.5V, 5V
Output:	Standard RJ45
Output Connector:	DC plug and Standard RJ45
Output Power:	15.4 W, 25.5 W or 55 W (dual power)
LED:	Power
Casing:	ABS Resin
Dimensions:	af: 43mm(L) x 32mm(W) x 24mm(H) at: 89mm(L) x 34mm(W) x 24mm(H)
Operating Temp.:	0 -40°C (32 -105°F)
Operating Humidity:	5% -95%, Non-Condensing
Storage Temp.:	-20 -70°C (-4 -158°F)
Certification:	FCC, CE



Advanced Network Solutions
for business and Industry.

About Panoptic Corporation

Panoptic Technology's focus is to develop and enhance technologies to meet the ever increasing demands of business both today and in the future. Panoptic Technology optimizes technology migration by developing solutions that maximize performance while minimizing startup or investment costs.

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