

# Specifications

Data rate .....	10/100Base-T, half/full duplex with autodetect
Power	
Input .....	100VAC to 240VAC, 50/60 Hz, 15 watts, external, autoswitchable; to 48VDC, 0.3 A power supply
Output .....	IEEE 802.3af compliant
Temperature/humidity .....	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount .....	Yes, with optional 1U rack shelf, part #60-190-01, or the VersaTools rack shelf, part #60-190-20; also under-furniture mountable with optional brackets #70-212-01 or projector mountable with optional brackets #70-217-01/70-077-04
Enclosure type .....	Metal
Enclosure dimensions .....	1.7" H x 2.2" W x 3.0" D (1U high, one-eighth rack width) 4.3 cm H x 5.6 cm W x 7.6 cm D (Depth excludes connectors.)
Product weight .....	0.5 lbs (0.2 kg)
Shipping weight .....	1 lbs (1 kg)
Vibration .....	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings .....	UL, CUL
Compliances .....	FCC Class A
MTBF .....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** Specifications are subject to change without notice.

## Included Parts

Part Description	Part Number
IPA T IPA In-Circuit Power Adapter	60-545-01
User's guide	



## User's Guide



**IPA T IPA**  
In-Circuit Power Adapter



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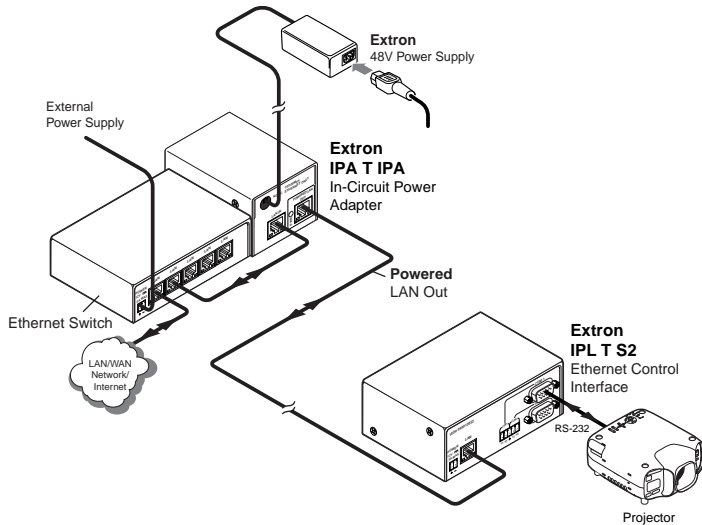
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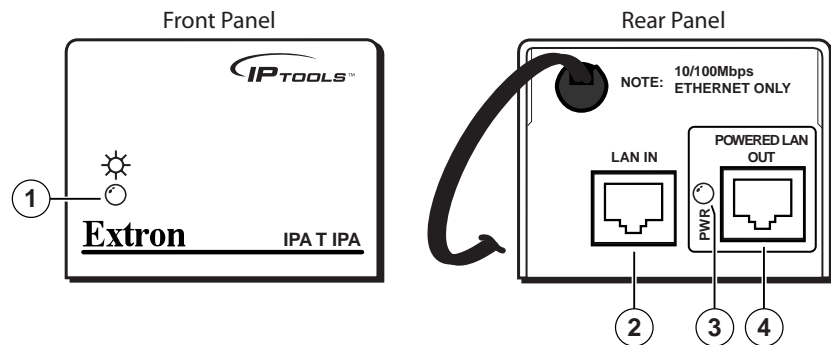
# Installation

The Extron IPA T IPA In-Circuit Power Adapter (IPA) is an IPL™ Accessory product in the IP Tools series. Power for network devices is not always available or nearby. The IPA supplies Power over Ethernet (PoE) and is IEEE 802.3af compliant. PoE allows power to be supplied to network devices using the existing Ethernet cable. The IPA has the added flexibility of being able to first detect whether a device on the network has PoE capability *before* supplying power. This detection feature prevents damage to network devices that are not compliant with the current IEEE 802.3af standard for PoE.



**Example IPA T IPA Application**

## Front and Rear Panels Features



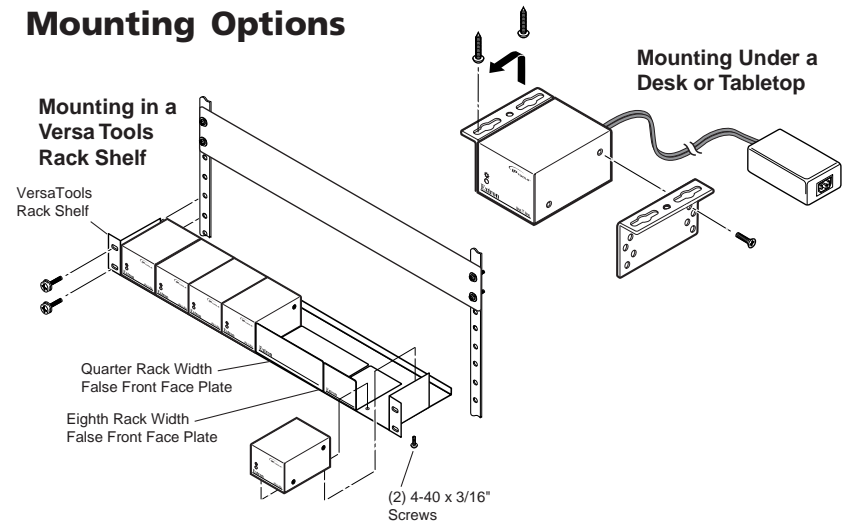
① **Power indicator** — The LED lights green when power is input to the IPA T IPA.

- ② **LAN input** — This female RJ-45 connector links the In-Circuit Power Adapter either directly to the Ethernet LAN or through a network switcher, hub, or router. Use a straight-through cable when connecting to a switcher, hub, or router.
- ③ **Power over Ethernet indicator** — The LED lights green if the connected network device is IEEE 802.3af compliant.

**NOTE** *If +12VDC is already being supplied to the IPL T device, the IPA T IPA's powered LAN output port will not supply power until the +12VDC is removed. Under this condition, if the +12VDC is removed while the PoE connection is present, the IPL T device will power off and then back on causing a complete restart of all running scripts. The green LED will light, indicating power is being sent from the IPA T IPA to the IPL T device.*

- ④ **LAN output** — This female RJ-45 connector links to the network device, and the IPA determines if the network device is able to accept PoE. If it is PoE capable, the supplied power will be IEEE 802.3af compatible.

## Mounting Options



## Specifications

### General

Connectors .....	1 RJ-45 female connector for pass-through input
	1 RJ-45 female connector for power and pass-through output

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