

PI9018A

1-Port Gigabit IEEE 802.3bt Power Injector

Poe
SERIES

The PI9018A is a high-performance, single-port, industrial-grade PoE (Power over Ethernet) injector designed for small to medium-sized network environments to enhance network connection flexibility and performance. This product has one Ethernet input port (data only) and one Ethernet output port (data + power).

The PI9018A converts standard 100-240 VAC input power into PoE DC power. It delivers up to 90 watts of robust power over existing LAN cables to network devices compliant with the IEEE 802.3bt PoE++ standard, such as high-end security cameras, wireless access points, or other devices requiring high power.

Specifications

Feature	
Operating Temperature	0°C ~ 50°C (32° F to 122° F)
Storage Temperature	-10°C ~ 70°C (14° F to 158° F)
Operating and Storage Humidity	10%~90% (Non-condensing)
Dimensions	155 mm (H) x 111.4 mm (W) x 40 mm (D)
Weight	610g
IEEE Standards	IEEE802.3af PoE standard, IEEE802.3at PoE+ standard, IEEE802.3bt PoE++ standard
Network Connector	RJ-45
Network Cable	Cat.5e UTP/STP cable for 10/100/1G/2.5GBase-T. Cat.6 UTP/STP cable for 5GBase-T. Cat.6A UTP/STP cable for 10GBase-T.
Number of Ports	1
Data Transfer Rate	10M/100M/1G/2.5G/5G/10Gbps
PoE Output	Pin Assignment: 1/2(+), 3/6(-), 4/5(+), 7/8(-).
PoE Output	Output Voltage: 53VDC (Min), Power Output: 90 Watts.
Input Power Requirements	Input Voltage: 100-240Vac/50-60Hz.
Input Power Requirements	Input Current: 2A@100-240Vac.
LED Indicators	Power LED: System Power (Solid) & POE LED: PoE Output Power (Solid), PoE Fault (Flashing)
Certifications	CE,FCC

