



SINGLE PORT GIGA IEEE802.3-BT 50W POE INJECTOR WITH 24VDC POWERED

POE INJECTOR SERIES



SYNOPSIS

- PI4205G-BT DC U 50W 10/100/1000M POE INJECTOR IS IEEE802.3AF/AT/BT COMPLIANT AND IS 24VDC OPERATED.
- IT IS A SINGLE PORT INDOOR POE INJECTOR THAT CAN PROVIDE UP TO 50W BASED ON THE IEEE 802.3AF/AT/BT STANDARD.
- THE MIDSPANS ARE IDEAL TO POWER 802.11 ACCESS POINTS, PAN-TILT-ZOOM (PTZ) AND DOME CAMERAS, IP VIDEO PHONES AND OTHER POWER ETHERNET END TERMINALS WITH 50W OF POWER

FEATURES & BENEFITS

- 24VDC POWER INPUT WITH POWER BOOSTER FUNCTION
- SUPPORT 10/100/1000BASE-T
- UP TO 50W OF POE POWER
- COMPLIANT WITH IEEE802.3AF/AT/BT STANDARD
- COMPLIANT WITH LIMITED POWER SOURCE (LPS)
- HIGH EFFICIENCY > 85%
- LOW NO LOAD POWER CONSUMPTION < 0.5W
- PROVIDE 2 LED INDICATORS INCLUDE POWER LED(GREEN) AND POE LED(ORANGE)
- OVER-VOLTAGE/LOAD/TEMPERATURE & SHORT CIRCUIT PROTECTIONS
- PLUG & PLAY, NO CONFIGURATION REQUIRED
- AUTOMATIC DETECTION AND PROTECTION OF NON-STANDARD ETHERNET TERMINALS WITH ACTIVE POE CHIPSET
- ALL 8 LINE SURGE PROTECTED

TECHNICAL SPECIFICATIONS

Ethernet	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet
Processing Type	Store Forward, Half-duplex, Full-duplex
Forward Filter Rate	1,488,000pps (1000Mbps)
Cabling	10/100/1000Base-T: Cat5 or above
Maximum Distance:	High Power PoE (50W): 4-pair UTP Cat. 5, 5e, 6 up to 100m 802.3af / at PoE (15W / 30W): 2-pair UTP Cat. 3, 4, 5, up to 100m
Connector	LAN: 1 x RJ-45 STP, "Data" Input Port POE: 1 x RJ-45 STP, "Data + Power" Output Port DC Connector: 1 x DC Input power socket
LED Indicator	Power Status and PoE Status
MTBF	>200,000hrs

ENVIRONMENT

Operating Ambient Temperature	-10°C to 50°C
Storage temperature	-20°C to 70°C
Relative Humidity	5 to 95% non-condensing

ELECTRICAL

Input Voltage Range	24VDC (12-36VDC)
Output Voltage	DC 48-57V, 1.05A
Power Consumption	55 watts max.

POE (POWER OVER ETHERNET)

Standard	IEEE 802.3af IEEE 802.3at IEEE 802.3bt
Port	RJ45
Pin Assignment	Pin 1,2 / 4,5 (+), Pin 3,6 / 7,8 (-)
PoE Power Output	DC 48V-57V/50-watt PoE via 2-pairs

MECHANICAL

Dimensions (W×D×H)	122 x 60 x 40mm
Weight	0.25Kg
Casing	Plastic Case
Mounting Options	Desktop

ORDERING CODE

PI4205G-BT DC U

PI4205G	Gigabit PoE Injector
-BT	-bt Standard
DC	24VDC input
U	Fixed