

Entry Line Industrial Gigabit Ethernet High Power 60 W PoE Injector

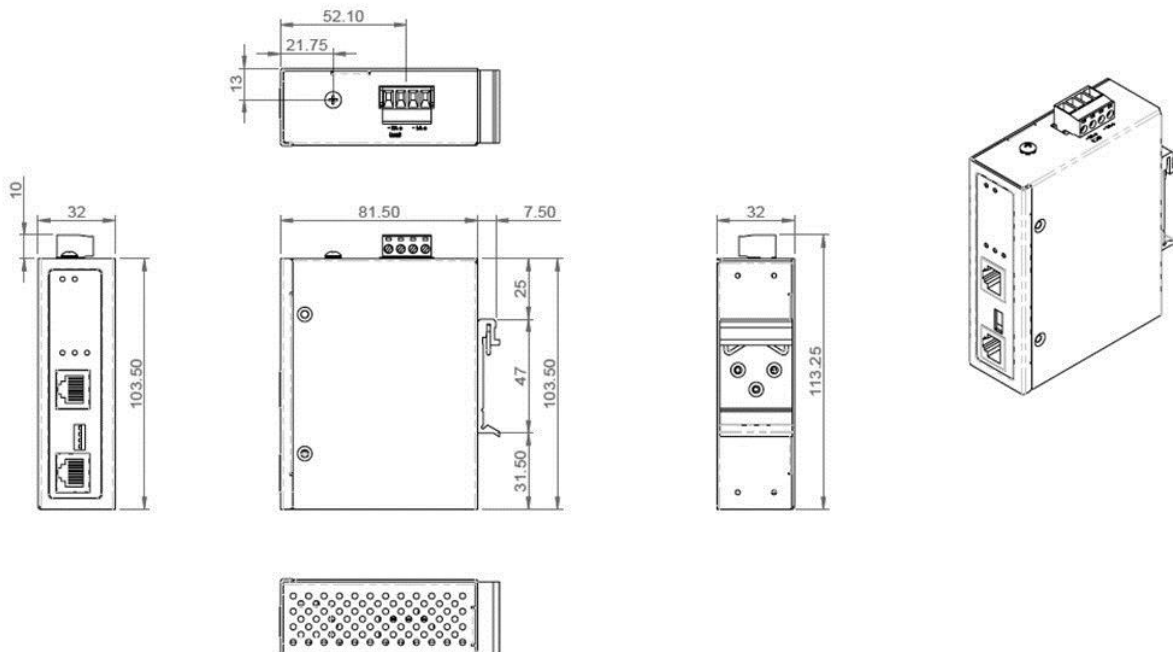
General

This 60 Watts, high power single port industrial PoE Injector is equipped with our high efficiency technology to provide 60 watts power to your security equipment by a 4-pin selectable dip switch. The technology will not only power up your PD device, also reduce the excessive heat problem to a minimum.

It accepts the input voltage from 44 to 56 VDC (optionally with integrated step-up converter and 18..56 VDC) to meet IEEE802.3af/at required voltage.

This built-in 4 pin dip switches are able to select PoE for Mode B or Mode A, to select standard IEEE802.3at 30 Watts or high power 36 Watts, and to select 2 pair or 4 pair for 30/36 Watts or 60/72 Watts power output. It is being rigorously tested for your Security, Transportation and Telco applications.

Housing Dimensions



Technical Specifications

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE802.3af for PoE IEEE802.3at for PoE+
Network Connector	1x RJ-45 10/100/1000Base-T Data 1x RJ-45 10/100/1000Base-T PSE with PoE Output power
Network Cable	UTP/STP above Cat.5e Cable EIA/TIA-568 10-Ohm (100m)
Protocol	CSMA/CD
LEDs	PW1(power 1) Green: ON-power good, OFF-power failed PW2(power 2) Green: ON-power good, OFF-power failed Mode A: ON - End Span PD detected Mode B: ON - Mid Span PD detected 4 Pair: ON - 60 W PSE in active mode. OFF - 30 W PSE in active mode.
POE Pin Assignment	Default: Mode A (End Span) V+, V+, V-, V- for pin 1, 2, 3, 6 DIP switch setting can be changed to Mode B, V+, V+, V-, V- for pin 4, 5, 7, 8
DIP Switch	To select 2 pair (30/36 Watts) or 4 pair (60/72 Watts) To select Mode A, or Mode B To select standard IEEE802.3at 30 Watts or high power PoE 36Watts
Reverse polarity protection	Present
Overload Current Protection	Present
Power Supply	MS657032X: Redundant power source 44..56 VDC Power Input MS657032X-24: Redundant power source 18..56V VDC Power Input
Power Consumption	1 W @48 VDC without POE
POE power	Maximum POE power 72watts at 56 VDC input
Removable Terminal Block	Provide 4 pin terminal block Wire range: 0.34mm ² to 2.5mm ² Solid wire (AWG):12-24/14-22 Stranded wire(AWG): 12-24/14-22 Torque:5lb-In/0.5Nm/0.56Nm Wire Strip length: 7-8mm

Operating Temp.	-40..75°C fully tested
Operating Humidity	5..95 % (non condensing)
Storage Temp.	-40..85°C
MTBF time	510,304 hrs (MIL-HDBK-217F) at 25°C
Housing	Rugged Metal, IP30 Protection
Dimensions	103.5mm x 32mm x 81.5mm (LxWxD)
Mounting	DIN Rail mounting and Wall Mounting

Certifications

EN55022/24	ITE equipment
EN55011	Industrial, Scientific and Medical (ISM) equipment
Safety	IEC EN60950-1
EMC/EMS	CE
EMI	CE EN 55022 Class A

Order Information

Art.-No.	Description	Connectors
MS657032X	Industrial Gigabit Ethernet 10/100/1000Base-T High Power 60 W PoE Injector, extended temperature range - 40..+75°C	1x RJ-45 1x RJ-45 PoE 2x Power Supply
MS657032X-24	Industrial Gigabit Ethernet 10/100/1000Base-T High Power 60 W PoE Injector, integrated voltage step-up converter, extended temperature range - 40..+75°C	1x RJ-45 1x RJ-45 PoE 2x Power Supply

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