IS-DG102P-1-60 Series

Rugged Industrial 2-port Gigabit Layer 2 Ultra PoE Injector

The IS-DG102P-1-60 Series are rugged designed, high power, Gigabit Ethernet industrial PoE Injector which meet IEEE 802.3af/at standard with 15.4/30/36 Watts power output and up to 60 Watts high power output. These models are especially good for your security system application. The special cold design technology will not only power up your PD device, but also reduce the excessive heat problem to a minimum. The IS-DG102P-1-60 Series accept the input voltage from 24 to 56 VDC and have been rigorously tested for your Security, Transportation and all the other Industrial applications.

Key features

▶ 1 Giga TX and 1 Giga Ultra PoE port, (IEEE 802.3af/at, Ultra PoE)

▶ Layer 2 Line-Speed Switching Fabric, non-blocking

▶ PoE support up to 15.4/30/36/60 Watts

▶ Rugged design, compact enclosure

▶ Overload current protection

▶ Reverse power protection

▶ Provides increased noise immunity

▶ -40°C to 75°C operating temperatur

Specification

RJ45 Copper ports

Speed	10/100/1000 Mbps

PoE Ports

Output Power	IEEE 802.3af/at,15.4/30/36/60 Watts output (Selectable by DIP switch)
Mid/End Span	Selectable by DIP switch

Power

Power Input	Power Input Terminal Block or DC Jack Input
Input Voltage Range	24~56 VDC Input
Reserve power protection	YES
Power Consumption	IS-DG102P-1-60, Max 1.5 Watt

Indicators

Power status indication	Power Input status
PoE port indication	PoE Light (Blue)

Environmental and Compliances

Operating Temperature	-40~75ºC (Cold startup at -40ºC)
Storage Temperature	-40~85ºC
Humidity	5~95% (Non-Condensing)
Vibration, shock, free fall	IEC-60068-2-6, -27, -32
Certification Compliance	CE, FCC
Electrical safety	CE
EMC	FCC Part 15, CISPR 22 (EN55022) Class A IEC-61000-4-2, -3, -4, -5, -6 (Level 3), IEC-61000-6-2, -4
RoHS & WEEE	RoHS (Pb free) and WEEE Compliant
MTBF	>200,000 hours

Mechanical

Protection	IP30
Dimension	91.0mm x 29.0mm x 71.3mm (LxWxD) (without DIN rail kit)
Weight	190 g
Installation	DIN-Rail mounting; Wall mounting

Dimension Diagram
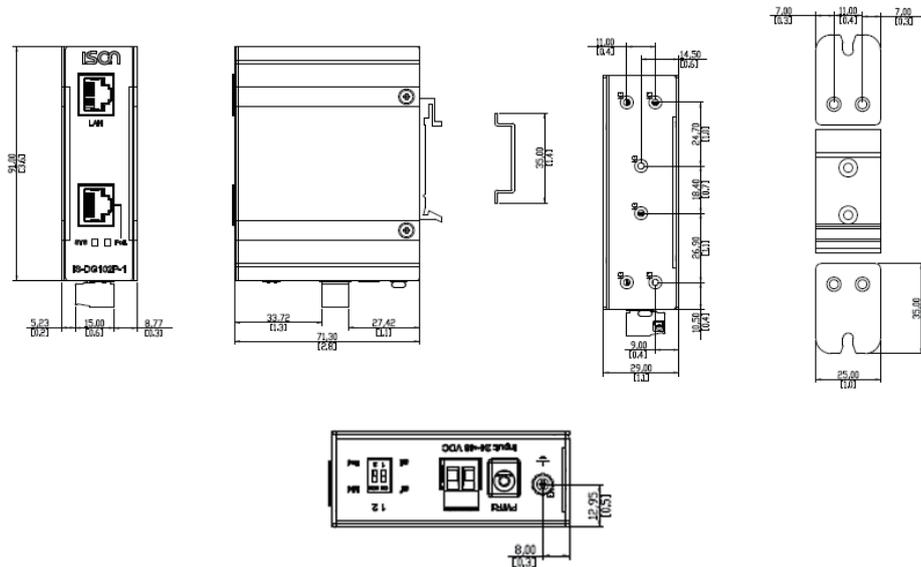
Ordering Information

Available Models	Description	10/100/1000Mb TX	100/1000Mb Ultra PoE
IS-DG102P-1-60	Industrial 2 port Gigabit Layer 2 Ultra PoE injector, Up to 60 Watts	1	1

Accessories

1. IS-RK2U 19" rack mount kit
2. IS-RK4U 19" rack mount kit

Package Checklist

- IS-DG102P-1-60 PoE Injector
- Quick Installation Guide (Printed)
- Wall mount kit /Din-Rail kit