

## HI8011TL-95W-BH

Thunder and Lightning Approved

Hardened 95W Gigabit POE Injector

1 x 95W Gigabit TX PSE + 1 x Gigabit TX, 48-56VDC input,

Operating temp.: -40°C to +75°C

### Features:

- Built-in POE surge protector 6kv or above
- Built-in Ethernet surge protector 6kv or above
- Ideal units for heavy thunder and lightning environment
- Built-in hardened POE Controller
- Rugged Aluminum housing design
- Built-in CPU for true 95W POE detection
- Deliver ultra high power up to 95Watts
- Support redundant power
- Working in extreme environment -40 to +75°C
- Designed for BOSCH outdoor 95W camera



HI8011TL-95W-BH

### Introduction

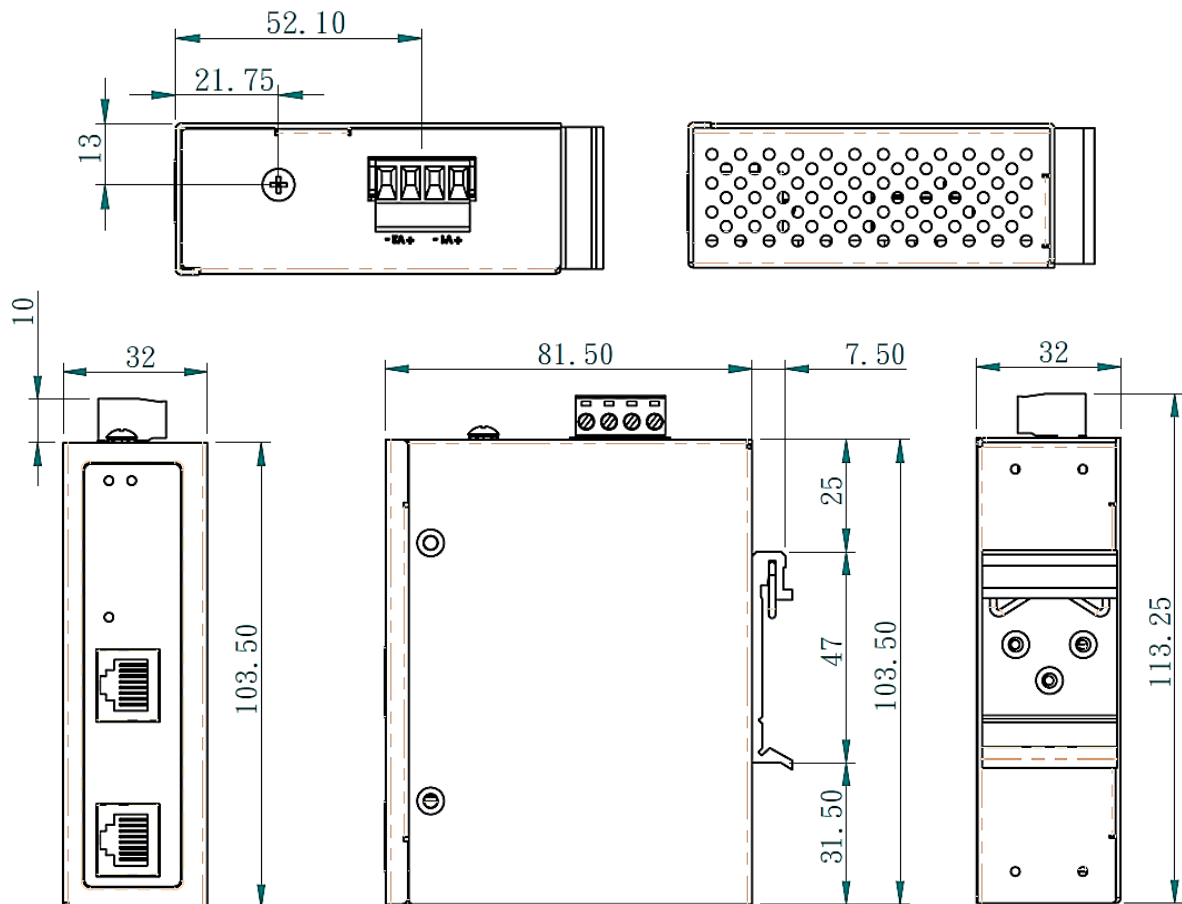
This ultra high power hardened Gigabit POE Injector is equipped with 1 port 95W Gigabit PSE port to power up 95Watts PD device for camera, WiFi AP, or LoRa applications. This unit is built-in with POE and Ethernet surge protector for true 6kv or above. It is designed for heavy thunder and lightning environment. Especially for IP surveillance, traffic monitoring, outdoor camera and for a broad range of applications.

## Specification

<b>IEEE Standard</b>	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+
<b>Network Connector</b>	2 x RJ-45 10/100/1000BaseT(X) auto negotiation, 1 x Gigabit 95Watts POE+ 802.3af/at PSE port 1 x Gigabit Tx Auto MDI/MDI-X function, Full/Half duplex
<b>Network Cable</b>	UTP/STP Cat.5e Or Above EIA/TIA-568 10-ohm (100m)
<b>Protocol</b>	CSMA/CD
<b>LED</b>	PW1(Power 1) Green, PW2(Power 2) Green POE Amber
<b>Reserve polarity protection</b>	Present
<b>Overload current protection</b>	Present
<b>Power Input</b>	Redundant Dual DC 48V-56V Power Input POE input 48-56VDC
<b>Power Consumption</b>	2.0 W@48 VDC full load, Without POE Max total power 95 Watts
<b>Removable Terminal Block</b>	Provide 2 Redundant power , Alarm relay contact ,6 Pin Wire range: 0.34mm <sup>2</sup> to 2.5mm <sup>2</sup> 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
<b>Operating Temperature</b>	-40°C~75°C fully tested.
<b>Operating Humidity</b>	5% to 95% (Non-condensing)
<b>Storage Temperature</b>	-40°C~85°C
<b>MTBF (mean time between failure)</b>	>500,000 hrs ( MIL-HDBK-217F) at 25°C
<b>Housing</b>	Rugged Aluminum, IP30 Protection
<b>Case Dimension (L x W x D)</b>	103.5 x 32 x 81.5 mm (L x W x D)
<b>Installation mounting</b>	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, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall

## Housing Dimension (mm)



## Similar Models with Voltage Booster

**H8011TL-95W-24-BH** Hardened 95W Gigabit POE Injector, with Voltage Booster  
1 x 95W Gigabit TX PSE, 24-56VDC input