

### H8041C

44-56VDC Voltage input, Rugged 4 port Industrial Gigabit POE Injector, 4x10/100/1000M TX PSE (802.3af/at POE+), 1xTX/SFP combo, Operating temp: -40°C to +75°C

#### **OEM/ODM Options**



Available Case color



H8041C

#### Models also available:

H8041F --- 4 port Industrial Gigabit POE Injector, with 4 Giga TX PSE + 1xSFP H8041T --- 4 port Industrial Gigabit POE Injector, with 4 Giga TX PSE + 1 Giga TX

#### Introduction

This industrial high power POE+ is designed for 44-56VDC input sources, especially for IP surveillance, traffic monitoring and for a broad range of applications. It can be used as a stand-alone device for buses, trucks, and other vehicles for Surveillance purposes. And it also can be used to cascaded/daisy-chain to other devices to cover wider area through the SFP connection.

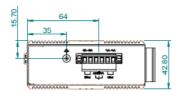
## Specification

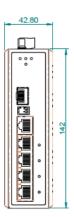
| IEEE Standard               | IEEE 802.3 10Base-T Ethernet<br>IEEE 802.3u 100Base-TX Fast Ethernet<br>IEEE 802.3ab 1000Base-T Gigabit Ethernet<br>IEEE 802.3z 1000Base-X Gigabit Ethernet<br>IEEE802.3x Flow Control and Back Pressure,<br>IEEE802.3af for POE<br>IEEE802.3at for POE+ |
|-----------------------------|--|
| Switch Architecture         | Back-plane (Switching Fabric): 10Gbps  |
| Data Processing             | Store and Forward  |
| Flow Control:               | IEEE 802.3x Flow Control and Back Pressure   |
| Jumbo Frame                 | 9KB  |
| MAC address Table Size      | 1K   |
| Packet Buffer Size          | 1M   |
| Network Connector :         | 5xRJ-45 10/100/1000BaseT(X) auto negotiation,<br>4 Giga POE+ 802.3at/af PSE port<br>Auto MDI/MDI-X function, Full/Half duplex<br>1x SFP 100/1000M BaseX  |
| Network Cable               | UTP/STP above Cat.5e CableEIA/TIA-568 10-ohm (100m)Fiber Cable (Multi-mode):50/125um,62.5/125umFiber Cable (Single-mode): 9/125um  |
| Protocol                    | CSMA/CD  |
| LED                         | PW1(Power 1) Green,PW2(Power 2) Green,ERR( Fault ) Amber,TX/RJ-45 port:LNK (Link/Active) Green,SPD(Speed) 10/100(OFF ) ,1000 (Green)SFP Fiber Per port:Link (Green)Active Flash  |
| DIP Switch                  | DIP 1: OFF: Port 5 SFP (DEFAULT)<br>ON: Port 5 TX<br>DIP 2: OFF: SFP 1000M (DEFAULT)<br>ON: SFP 100M   |
| Reserve polarity protection | Present  |
| Overload current protection | Present  |
| Power Supply                | Redundant Dual DC 44V-56V Power Input<br>POE input 44-56VDC<br>Switch Input 9-56VDC  |
| Power Consumption           | 5.76W@48 VDC full load, Without POE  |

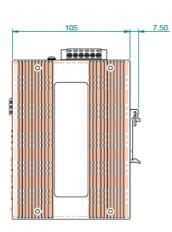
#### Alarm Relay Contact

POE power

# **Housing Dimension**







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