

**MIB12G-8EP(T)-2EG-EIB**  
**Unmanaged 8\*100Base T(X) POE(30w) + 2\*100/1000Base-TX port Industrial Ethernet Switch**

Unmanaged Ethernet Switch **MIB12G POE Series**



- 8\* 100Base T(X) POE ports + 2\*100/1000Base-TX Ethernet ports
- POE Ethernet ports fully compliant with IEEE802.3af/at standard, provides up to 30 Watts per port.
- IEEE802.3/802.3u//802.3x, store and forward
- Wire speed forwarding capability of all ports make sure of non-blocking message forwarding.
- Automatic MDI/MDI-X crossover for plug-and-play
- Dual redundant power input, with overload protection and power reverse polarity protection.
- Support full-loaded operating temperature range -40 to 85°C.
- No fan, low power consumption design.
- Din rail corrugated metal casing, meet IP40 protection grade.
- Industrial Level-4 design.
- **With 120W or 240W POE power supply**

### Introduction

HENGSION unmanaged MIB12G-8EPT-2EG-EIB industrial POE Ethernet switch provides 2 Gigabit Ethernet ports and 8 \*10/100Base T(X) POE Ethernet ports. The POE Ethernet ports fully compliant with IEEE802.3af/at standards, provides up to 30 Watts per port; No fan, low power consumption design; Din rail corrugated metal casing, meet IP40 protection grade; Dual redundant power input; Comply with CE, FCC and ROHS standards.

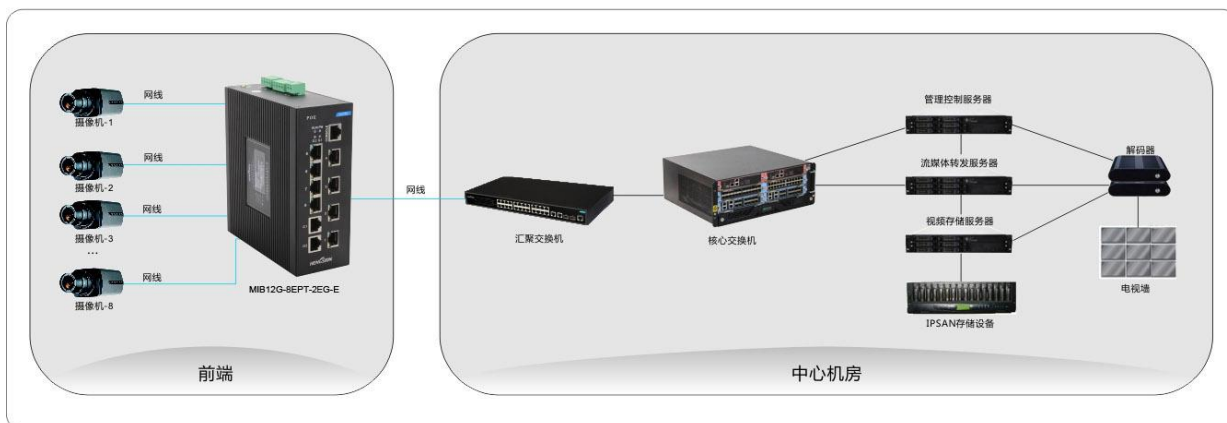
Its wide operating temperature range and port surge protection design are ideal for application in large flow real-time outdoor environment, and are widely used in industrial automation control and surveillance occasions like campus, community, rail traffic, electric power control and so on.

## Specification

|                                                                                                          |                                                                   |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Technology                                                                                               |                                                                   |
| Standards                                                                                                | IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z                       |
|                                                                                                          | IEEE802.3af/at                                                    |
| Interface                                                                                                |                                                                   |
| Megabit Ethernet port                                                                                    | 10/100 Base-T(X) auto-adaptive RJ45, supports Power Over Ethernet |
| Gigabit Ethernet port                                                                                    | 10/100/1000 Base-T(X) auto-adaptive RJ45                          |
| Power supply for switch                                                                                  | 5.08 industrial terminal                                          |
| Power input                                                                                              | 52VDC                                                             |
| Switching Features                                                                                       |                                                                   |
| Processing Type                                                                                          | Store & forward                                                   |
| Switching bandwidth                                                                                      | 19.6Gbps                                                          |
| Packet forwarding sp                                                                                     | 4.2Mpps                                                           |
| MAC Address                                                                                              | 8K                                                                |
| Buffer Memory                                                                                            | 384KB                                                             |
| LED Indicator for                                                                                        |                                                                   |
| Power, running status, Ethernet port connection & running status, Fiber port connection & running status |                                                                   |
| POE Features                                                                                             |                                                                   |
| POE Ports                                                                                                | 8* 10/100Base-TX POE Ethernet ports                               |
| Power supply mode                                                                                        | Supply power while Power Device detected                          |
| Bridging mode                                                                                            | Endspan (V+ corresponds to 1,2; V- corresponds to 3,6 )           |
| AT Mode                                                                                                  | Support IEEE802.3at confirmed PD, provide up to 30Watts per port. |
| Power                                                                                                    |                                                                   |
| Input Voltage Range                                                                                      | DC48V5A(for POE) + DC12V3A (for Ethernet switch)                  |
| POE Power Consumption                                                                                    | AT:30W(each port)                                                 |
| Protection                                                                                               | Overload Current Protection; Redundancy protection                |
| Mechanical                                                                                               |                                                                   |
| Casing                                                                                                   | Strengthened corrugated metal casing                              |
| Protection grade                                                                                         | IP40                                                              |
| Dimension(L*W*H)                                                                                         | 154*143*58mm                                                      |
| Installation                                                                                             | Din Rail                                                          |
| Weight                                                                                                   | 1Kg                                                               |
| Environmental                                                                                            |                                                                   |
| Operating Temperature                                                                                    | -40℃~+85℃                                                         |
| Storage Temperature                                                                                      | -45℃~+85℃                                                         |
| Relative Humidity                                                                                        | 5~95%,non-condensing                                              |
| Industry Approvals                                                                                       |                                                                   |
| EMI                                                                                                      | FCC Part 15,CISPR(EN55022) class A                                |
| EMS                                                                                                      | EN61000-4-2(ESD), Level 4                                         |
|                                                                                                          | EN61000-4-3(RS),Level 3                                           |
|                                                                                                          | EN61000-4-4(EFT),Level 4                                          |

|                 |                             |
|-----------------|-----------------------------|
|                 | EN61000-4-5(Surge),Level 4  |
|                 | EN61000-4-6(CS),Level 3     |
|                 | EN61000-4-8,Level 5         |
| Shock           | IEC 60068-2-27              |
| Free Fall       | IEC 60068-2-32              |
| Vibration       | IEC 60068-2-6               |
| Warranty        |                             |
| Warranty Period | 5 years for Ethernet switch |

## Connection Topology



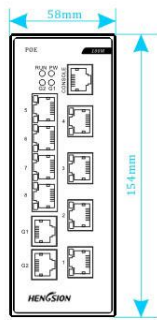
## Ordering Information

| Available Models      | Port Interface  |                      |              |                       |
|-----------------------|-----------------|----------------------|--------------|-----------------------|
|                       | 1000Base FX SFP | 10/100/1000Base T(X) | 100Base T(X) | 100Base T(X) POE port |
| MIB12G-8EP(T)-2EG-EIB | 0               | 2                    | 0            | 8                     |

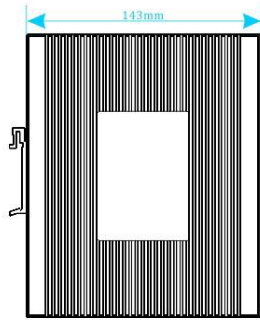
## Package Checklist

- Ethernet switch
- Power unit(for switch and for POE)
- Hardware installation guide(printed)
- Warranty Card

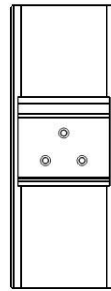
## Dimension



前视图

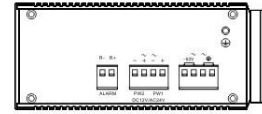


侧视图



后视图

MIB12G-8EPT-2EG-E外壳三维示意图



上视图



下视图