

**MIB12G-8EG-2G-ENR****Unmanaged 8\*1000Base T(X)+ 2\*1000Base SFP FX Desktop Ethernet Switch**

- 8\*1000Base T(X) fast Ethernet ports & 2\*1000Base SFP FX fiber optic ports
- POE Ethernet ports fully compliant with IEEE802.3af or IEEE802.3at standard, provide 30 Watts per port max.
- 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
- With overload protection and power reverse polarity protection.
- Support full-loaded operating temperature range -10 to 60℃.
- Wall-mount or desktop installation.

**Introduction**

HENGSION unmanaged MIB12G-8EG-2G-ENR provides 2\*1000Base SFP FX fiber optic ports and 8\*1000BaseT(X) fast Ethernet ports, meeting the customer demands of fast networking. Comply with CE, FCC and ROHS standards.

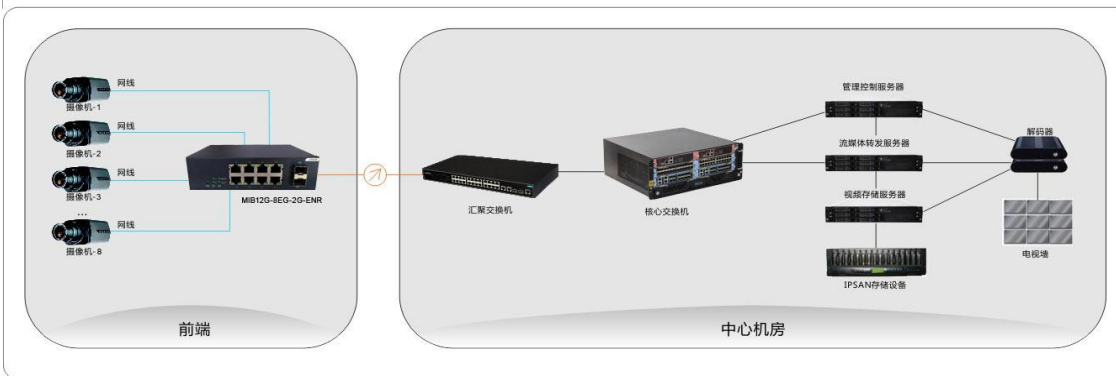
This series' operating temperature range and port surge protection design are ideal for application in large flow real-time outdoor environment, and are widely used for occasions including enterprise, intelligent building, cafe, community access or gathering etc., and for industries like finance, education and government etc.

**Specification**

Unmanaged Ethernet Switch

|                                                                                           |                                                                    |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Technology                                                                                |                                                                    |
| Standards                                                                                 | IEEE 802.3,802.3u,802.3x, 802.3ab, 802.3z                          |
| Interface                                                                                 |                                                                    |
| Gigabit Ethernet port                                                                     | 10/100/1000 Base-T(X) auto-adaptive RJ45                           |
| Gigabit Fiber port                                                                        | 1000Base-SFP FX port (LC)                                          |
| Power port                                                                                | 5.08mm industrial terminal                                         |
| Switching Features                                                                        |                                                                    |
| Processing Type                                                                           | Store & forward, wire speed switching                              |
| Switching bandwidth                                                                       | 20Gbps                                                             |
| Packet forwarding speed                                                                   | 14.88Mpps                                                          |
| MAC Address                                                                               | 8K                                                                 |
| Buffer Memory                                                                             | 12KB                                                               |
| PoE Features                                                                              |                                                                    |
| PoE ports                                                                                 | 8*10/100/1000Base-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 30 Watts per port. |
| LED Indicator for                                                                         |                                                                    |
| Power, Ethernet port connection & running status; Fiber port connection & running status; |                                                                    |
| Power                                                                                     |                                                                    |
| Input Voltage Range                                                                       | 52V DC input                                                       |
| POE Power Consumption                                                                     | AT:30W (each port)                                                 |
| Connection                                                                                | 5.08mm industrial terminal                                         |
| Protection                                                                                | Overload Current Protection; Redundancy protection                 |
| Mechanical                                                                                |                                                                    |
| Dimension(L*W*H)                                                                          | 160*115*43.5mm                                                     |
| Installation                                                                              | Wall mount or desktop installation                                 |
| Weight                                                                                    | 800g                                                               |
| Environmental                                                                             |                                                                    |
| Operating Temperature                                                                     | -10℃~+60℃                                                          |
| Storage Temperature                                                                       | -40℃~+85℃                                                          |
| Relative Humidity                                                                         | 5~95%,non-condensing                                               |
| Warranty                                                                                  |                                                                    |
| Warranty Period                                                                           | 3 years                                                            |

## Connection Topology



## Ordering Information

| Available Models  | Port Interface  |                      |              |              |
|-------------------|-----------------|----------------------|--------------|--------------|
|                   | 1000Base FX SFP | 10/100/1000Base T(X) | 100Base F(X) | 100Base T(X) |
| EIB12G-8EG-2G-ENR | 2               | 8                    | 0            | 0            |

### Optional Accessories (can be purchased separately)

- **SFP-G-3155-J** , 1Gbps SFP optical transceiver(T:1310nm/R:1550nm), single mode ,single fiber,20km
- **SFP-G-5531-J** , 1Gbps SFP optical transceiver(T:1550nm/R:1310nm), single mode ,single fiber,20km
- **SFP-G-4-4955-J** , 1Gbps SFP optical transceiver(T:1490nm/R:1550nm), single mode ,single fiber,40km
- **SFP-G-4-5549-J** , 1Gbps SFP optical transceiver(T:1550nm/R:1490nm), single mode ,single fiber,40km
- **SFP-G-6-4955-J** , 1Gbps SFP optical transceiver(T:1490nm/R:1550nm), single mode ,single fiber,60km
- **SFP-G-6-5549-J** , 1Gbps SFP optical transceiver(T:1550nm/R:1490nm), single mode ,single fiber,60km
- **DR-30D12** , Din-Rail power supply, 85-264VAC/120-370VDC@12VDC , -20 to 60℃ operating temperature
- **GS-36D12** , Power adaptor, 100-240VAC@12VDC, -20 to 50℃ operating temperature

### Package Checklist

- Ethernet switch
- Hardware installation guide(printed)
- Warranty Card

## Dimension

