

MIB12G-8EGPB-2G-EIB

Unmanaged 8*1000Base T(X) High-POE++port + 2*1000Base SFP port Industrial Ethernet Switch



- 8* 1000Base T(X) POE++ ports + 2 Gigabit SFP combo ports
- Advanced Hi-POE/POE technology, Ethernet ports fully compliant with IEEE802.3BT/ IEEE802.3AF/ IEEE802.3AT standards, provides up to max 71 Watts per port.
- AF/AT camera can reach up to 250M in extended mode, switching through a dip switch.
- Wire speed forwarding capability of all ports make sure of non-blocking message forwarding.
- Automatic MDI/MDI-X crossover for plug-and-play
- 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 or without POE power supply (optional)**

Introduction

HENGSION unmanaged MIB12G-8EGPB-2G-EIB provides 2* Gigabit Combo ports and 8*10/100/1000BaseT(X) POE Ethernet ports. The POE Ethernet ports fully compliant with IEEE802.3af and 802.3at and 802.3bt standards, provides up to 71 Watts per port. POE distance can be extended to 250M through a Dip switch for 802.3af and 802.3at mode.

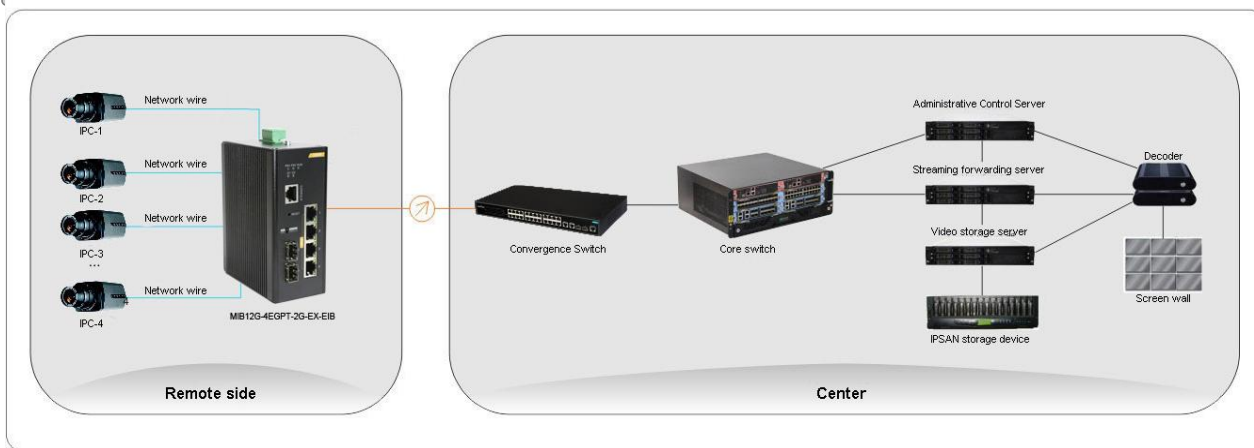
MIB12G-POE series effectively reduced the cabling cost and labor costs. The wide operating temperature range and port surge protection design are ideal for application in large flow real-time outdoor environment, are widely used in industrial automation control and surveillance occasions like campus, 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, IEEE802.3at, IEEE802.3bt
Interface	
Gigabit Ethernet port	10/100/1000 Base-T(X) auto-adaptive RJ45
Gigabit Fiber port	1000Base-X SFP port
Console port	Only function for managed type
Power supply port	5.08 industrial terminal
Switching Features	
Processing Type	Store & forward, wire speed switching
Switching bandwidth	50Gbps
Packet forwarding speed	37.2Mpps
MAC Address	8K
Buffer Memory	512KB
LED Indicator for	
Power, Device running status, Ethernet port connection & running status, Fiber port connection & running status	
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)
AF/AT/BT Mode	Support IEEE802.3af/at/bt confirmed PD, provide up to 71Watts per port.
Power	
Input Voltage Range	DC52V
POE Power Consumption	AF:15.4W/AT:30W/BT:71W (each port)
Protection	Overload Current Protection; Redundancy protection
Mechanical	
Casing	Strengthened corrugated metal casing
Protection grade	IP40
Dimension(L*W*H)	129*100*77mm(h*d*w)
Installation	Din Rail
Weight	1Kg(without power supply)
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	Ordering Details
MIB12G-8EGPB-2G-EIB	802.3AF/AT/BT,8*100/1000M TX POE(extended to 250m)+2*1000M SFP fiber port.50Gbps,-40~85℃, not including power supply.
MIB12G-8EGPB-2G-EX-EIB	802.3AF/AT/BT,4*100/1000M TX POE(extended to 250m)+2*1000M SFP fiber port.-40~85℃,external 230W power supply(-20~70℃).
MIB12G-8EGPB-2G-EXI-EIB	802.3AF/AT/BT,4*100/1000M TX POE(extended to 250m)+2*1000M SFP fiber port.-40~85℃,external Mean Well 240W power (20~70℃)
MIB12G-8EGPBT-2G-EXI-EIB	802.3AF/AT/BT,4*100/1000M TX POE(extended to 250m)+2*1000M SFP fiber port.-40~85℃,external Mean Well 480W power (20~70℃)

Package Checklist

- Ethernet switch
- Power Unit (optional)
- Hardware installation guide(printed)
- Warranty Card

Dimension

