

MIB12G-8EGP(T)-MIB

Managed 8*1000Base T(X) POE Industrial Ethernet Switch

Managed Ethernet Switch



- 8* 1000Base T(X) POE ports
- Ethernet ports fully compliant with IEEE802.3AF/ IEEE802.3AT standards, provides up to max 30 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 802.1x authentication, VLAN, and broadcast storm suppression.
- Loop detection and Port+ IP+MAC binding.
- Support POE power configuring, monitoring, diagnosing and summary statistics.
- Port traffic monitoring and fault event alarming
- Support WEB visual interface, support SNMP management.
- 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 Managed MIB12G-8EGP(T)-MIB provides 8*10/100/1000BaseT(X) POE Ethernet ports. The POE Ethernet ports fully compliant with IEEE802.3af and 802.3at standards, provides up to 30 Watts per port. POE distance can be extended to 250M through a Dip switch for 802.3af and 802.3at mode. With complete security and QoS policies; Support VLAN division, port mirroring, and port rate limiting; Support broadcast storm suppression, flow control, and centralized management and configuration by WEB, CLI, SNMP; POE power management and diagnosing.

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.

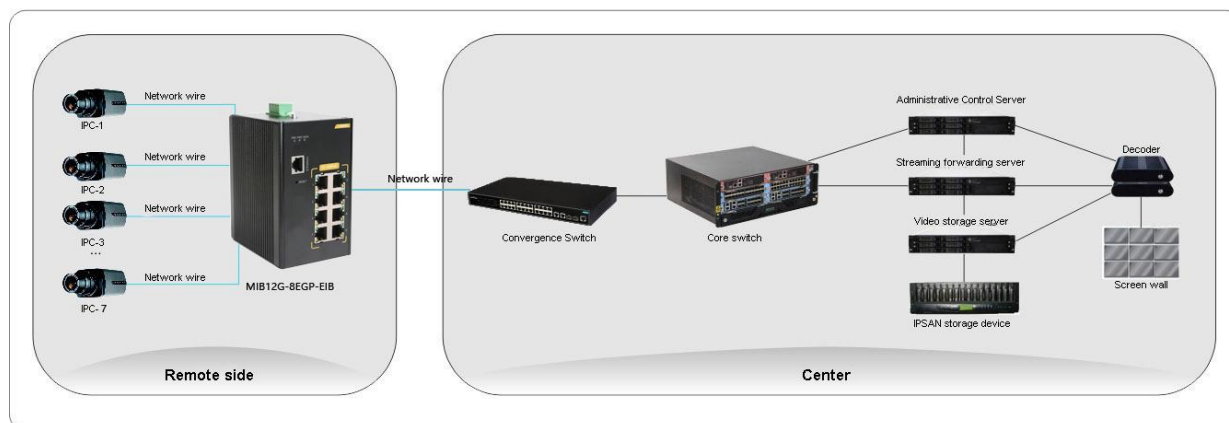
Specification

Managed Ethernet Switch

Technology	
Standards	IEEE 802.3,802.3u,802.3x, 802.3ab, 802.3z; IEEE802.1Q,802.1p,802.1D,802.1w,802.1s,802.1X,802.1ab IEEE802.3af, IEEE802.3at
Protocols	IGMP Snooping, VLAN, Telnet, HTTP, HTTPS, SNMPv1/v2/v3, LLDP, SNTP, SSH, FTP, QoS
Interface	
Gigabit Ethernet port	10/100/1000 Base-T(X) auto-adaptive RJ45
Console port	RS232 in RJ45 connector with console cable
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
Priority Queue	4
VLAN number	4K
VLAN ID	1-4096
Multicast groups	256
Software Features	
VLAN	802.1Q,Vlan(4K), Port-based VLAN
Storm Suppression	Broadcast, multicast, unknown unicast storm suppression
Flow control	IEEE802.3X negotiation, CAR function, rate limiting step 64K
Multicast protocol	IGMP- Snooping
Port Management	Support port mirroring, port isolation, port trunking
DHCP Management	Support DHCP Snooping, option 82
QoS (Quality of Service)	802.1p; Support port default priority tags, at least 4 different priority queues per port
Security features	MAC address filtering, dynamic or static MAC address learning, Loop detection and Port+ MAC binding,802.1x port authentication (Radius, Local)
Traffic Management	Port traffic monitoring and fault event alarming
Management	SNMP v1/v2/v3, CLI, WEB
Management Access	Support Console, Telnet, SSH
System Maintenance	Set system IP, restore factory settings, restart equipment, upgrade equipment
File transfer	Support Log output, configuration file backup and input
LED Indicator for	
Power, Device running status, Ethernet 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 Mode	Support IEEE802.3af/at confirmed PD, provide up to 30Watts per port.
Power	
Input Voltage Range	DC52V
POE Power Consumption	AF:15.4W/AT:30W
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	0.8Kg(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

Managed Ethernet Switch

Available Models	Ordering Details
MIB12G-8EGP-MIB	8*10/100/1000M TX POE ports,-40~85℃, without power supply.
MIB12G-8EGP-EX-MIB	8*10/100/1000M TX POE ports,-40~85℃, external 120W POE power supply (20~70℃).
MIB12G-8EGP-EXI-MIB	8*10/100M/1000M TX POE ports,-40~85℃, external Din-rail Mean Well 120W POE power supply (20~70℃).
MIB12G-8EGPT-EX-MIB	8*10/100M/1000M TX POE ports,-40~85℃, external 240W POE power supply (20~70℃).
MIB12G-8EGPT-EXI-MIB	8*10/100M/1000M TX POE ports,-40~85℃, external Din-rail Mean Well 240W POE power supply (20~70℃).

Package Checklist

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

Dimension

POE 8EG

