Media Converter 10/100 M

mini Media (Dual Fiber)

Model : W-mMD121x

Features

- Inconformity to IEEE 802.3 10 Base-T standard
  inconformity to IEEE 802.3u 100 Base-TX/FX Standard
- Max 2M buffer memory built in chip.
- Back presure flow control for full duplex IEEE802.3 X and half duplex
- Automatic identification of MDI/MDI-X cross line & Auto-negotiation
- High-performance1.4Gbps memory bandwidth
- In comformity to safety code of FCC and 15 CLASS A and CE MARK.

Media Converter 10/100 M

mini WDM (Single Fiber)

Model : W-mWDM1x2x

Features

- Inconformity to IEEE 802.3 10 Base-T standard
  inconformity to IEEE 802.3u 100 Base-TX/FX Standard
- Max 2M buffer memory built in chip.
- Back presure flow control for full duplex IEEE802.3 X and half duplex
- Automatic identification of MDI/MDI-X cross line & Auto-negotiation
- High-performance1.4Gbps memory bandwidth
- In comformity to safety code of FCC and 15 CLASS A and CE MARK.

Specification

1 YEARS WARRANTY

RoHS FC CE

Type	Description	
	W-mMD121x	W-mWDM1x2x
Standard Protocal	IEEE802.3 10 Base-T standard	
	IEEE 802.3u 100Base-TX/FX standard	
Connector	oneUTPRJ-45connector , oneSC/STconnector	
Operation mode	full duplex mode or half duplex mode	
Power supply parameter	Internal : 5V DC 1~2A	
	built-in: 110-265V AC DC100~380V	
Environmental temperature	0˚C - 40˚C	
Relative humidity	5%-90%	
TP cable	Cat5 UTP cable	
Transfer fiber	multi-mode 50/125 μm	
	single-mode 9/125 μm	
Optical Fiber Feature	Wave Length: 1310 (Single Mode)	Wave Length: 1310/1550nm 1550/1310nm(Single Mode)
Dimensions (mm)	26(D) x 71(H) x 94(W)	

Media Converter 10/100 M

Media Converter (Dual Fiber), Multi Mode

Model : W-MD211x

Features

- Data Rate (Mbps) - 10/100M with Auto-Negotiation
- Mode - UTP Half or Full Duplex
- Optical wavelength (nm) - 850
- Fiber Type (micron) - Multi Mode 50/125
- Connector Type - One UTP, one SC Fiber
- Max Distance - 0.5 km
- Power Supply - External AC-DC Power Adapter, US Standard
- Optical Output Power - -15 to -8 dBm
- Optical Receiver Sensitivity - < -32 dBm
- Link Fault Singnaling Feature enhance Network redun-dancy

Media Converter 10/100 M

Media Converter (Single Fiber)

Model : W-WDM1x2x

Features

- Data Rate (Mbps) - 10/100M with Auto-Negotiation
- Mode - UTP Half or Full Duplex
- Optical wavelength (nm) - 1310/1550
- Fiber Type (micron) - Single Mode 9/125
- Connector Type - One UTP, one SC Fiber
- Max Distance - 20 km
- Power Supply - External AC-DC Power Adapter, US Standard
- Optical Output Power - -15 to -8 dBm
- Optical Receiver Sensitivity - < -32 dBm
- Link Fault Singnaling Feature enhance Network redun-dancy

Specification

WARRANTY 3 YEARS

RoHS FC CE

Type	Description	
	W-MD211x	W-WDM1x2x
Standard Protocal	IEEE802.3 10 Base-T standard	
	IEEE 802.3u 100Base-TX/FX standard	
Connector	oneUTPRJ-45connector , oneSC/STconnector	
Operation mode	full duplex mode or half duplex mode	
Power supply parameter	Internal : 5V DC 1~2A	
	110-265V AC DC100~380V	
Environmental temperature	0˚C - 60˚C	
Relative humidity	5%-90%	
LED	PWR,LINK,/ACT,FX,TX,100	
Transfer fiber	multi-mode 50/125 μm	
	single-mode 9/125 μm	
Optical Fiber Feature	Wave Length: 850 (Multi Mode)	Wave Length: Tx1310/Rx1550nm : Tx1550/Rx1310nm (Single Mode)
Distance (km)	0.5 / 20 / 40 / 60 / 80 / 100	
Dimensions (mm)	26(D) x 71(H) x 94(W)	

Media Converter 10/100 M

HQ Media Converter (Dual Fiber)

Model : HQ-W-MD121x

Features

- High Quality Product
- Inconformity to IEEE 802.3 10 Base-T standard. in conformity to IEEE 802.3u 100 Base-TX/FX standard
- Max. 1Mb buffer memory built in chip.
- Back pressure flow control for full duplex IEEE802.3 X and half duplex
- Automatic identification of MDI/MDI-X line.
- In comformity to safety code of FCC and 15 CLASS A and CE MARK

Media Converter 10/100 M

HQ WDM Converter (Single Fiber)

Model : HQ-W-WDM1x2x

Features

- High Quality Product
- Inconformity to IEEE 802.3 10 Base-T standard. in conformity to IEEE 802.3u 100 Base-TX/FX standard
- Max. 1Mb buffer memory built in chip.
- Back pressure flow control for full duplex IEEE802.3 X and half duplex
- Automatic identification of MDI/MDI-X line.
- In comformity to safety code of FCC and 15 CLASS A and CE MARK
- Wavelength Division Multiplexing (WDM)

Specification

WARANTY 3 YEARS

RoHS FC CE

Type	Description	
	HQ-W-MD121x	HQ-W-WDM1x2x
Standard Protocal	IEEE802.3 10 Base-T standard	
	IEEE 802.3u 100Base-TX/FX standard	
Connector	oneUTPRJ-45connector , oneSC/STconnector	
Operation mode	full duplex mode or half duplex mode	
Power supply parameter	Internal : 5V DC 1~2A	
	110-265V AC DC100~380V	
Environmental temperature	0˚C - 60˚C	
Relative humidity	5%-90%	
LED	PWR,LINK,/ACT,FX,TX,100	
Transfer fiber	multi-mode 50/125 μm	
	single-mode 9/125 μm	
Optical Fiber Feature	Wave Length: 1310 (Single Mode)	Wave Length: Tx1310/Rx1550nm : Tx1550/Rx1310nm (Single Mode)
Distance (km)	0.5 / 20 / 40 / 60 / 80 / 100	
Dimensions (mm)	26(D) x 71(H) x 94(W)	

SFP Ethernet

SFP Media Converter

Model : W-SFPMD

Features

The SFP is a media converter designed to convert 1000BASE-SX/LX/LH fiber to 1000 Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-SX/LX/LH standards, the SFP is designed for use with multi-mode/ single-mode fiber cable utilizing the LC-Type connector. It works at 850nm on both transmitting and receiving data when adopting multi-mode fiber and 1310nm on both transmitting and receiving data when adopting single-mode. This product supports IEEE802.3/IEEE 802.3u, IEEE 802.3ab 100Base-TX/FX standard/IEEE 802.3z 1000Base-TX/FX standard, IEEE 802.3x as well as full duplex and half duplex mode

- Works at 1000Mbps in Full-Duplex mode for both TX port and FX port
- Supports auto MDI/MDIX for TX port
- Provides switch configuration of Force /Auto transfer mode for FX port
- FX port support hot-swappable
- Extends fiber distance up to 0.55km for multi-mode fiber and 20km for single-mode fiber
- Easy-to-view LED indicators provide status to monitor network activity easily
- External power supply

Specification

RoHS FC CE

Type	Description
	W-SFPMD
Standard Protocal	IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x
Basic Function	Full Duplex Flow Control (IEEE 802.3x) Extends fiber distance up to 0.5km using 50/125um fiber and 20km for single-mode fiber
Ports	mini-GBIC 1port (SFP Port) 1000M RJ45 1 port (Auto MDI/MDIX)
Wave Length	Depends on the used SFP module
Network Media 1000BASE-FX	Multi-mode/Single-mode SFP module
Network Media 1000BASE-T	UTP category 5, 5e, 6 cable (Maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
LED Indicators	PWR, LINK, RX
Support	Link Fault Pass-through
Dimensions (mm)	94.5(W) x 73.0(D) x 27.0(H)
Power Supply	External Power Adapter 5VDC Input
Safety & Emission	FCC, CE
Environment	Operating Temperature: -10 ˚~55 ˚C Storage Temperature: -40 ˚~70 ˚C Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

SFP Ethernet

Gigabit SFP Module

WARANTY 1 YEARS

Model : W-SFP2111

Features

- Form Factor: SFP
- Device Type: Transceiver module
- Connectivity Technology: Wired
- Wavelength: 850nm/1300nm
- Max Distance: 500m
- Data Transfer Rate: 1.25 Gbps
- Fiber Type: MMF
- Connector: Duplex LC
- DDM: Without DDM
- Operating Temperature: 0~70 ˚C
- Application: 1000BASE-LX
- Compliant with MSA SFP Specification

Model : W-SFP121x

Features

- Form Factor: SFP
- Device Type: Transceiver module
- Connectivity Technology: Wired
- Wavelength: 1310nm
- Max Distance: 10, 20, 40, 60, 80 km
- Data Transfer Rate: 1.25 Gbps
- Fiber Type: SMF
- Connector: Duplex LC
- DDM: Without DDM
- Operating Temperature: 0~70 ˚C
- Application: 1000BASE-LX
- Compli with MSA SFP Specification

Model : W-WSFP1x1x

Features

- Fan Quantity: Fanless
- Standards : IEEE 802.3z, CSMA/CD, TCP/IP
- Power Supply: 3.3V, Cable: Single-mode Fiber
- Fiber Type: 9/125 um Single-mode
  Max. Cable Length: 3, 20, 40, 60km
- Data Rate: 1.25 Gbps, Port Type: LC
- Wave Length: A : Tx: 1310nm / Rx: 1550nm
  B : Tx: 1550nm / Rx: 1310nm
- Safety & Emission: FCC, CE
- Operating Temperature: 0 ˚C~70 ˚C (32 ˚C~158 ˚C)
- Storage Temperature: -40 ˚C~80 ˚C (-40 ˚C~176 ˚C)
- Operating Humidity: 10%~90% non-condensing
- Storage Humidity: 5%~90% non-condensing

Model : W-SFP122x

Features

- Compliant with ITU-T G.957, G.958
- Up to 2.5Gb/s Data Links
- Multi-Source Package with Duplex LC Connector
- Eye Safety Designed to Meet Laser Class1, Compliant with IEC60825-1
- Single +3.3V Power Supply
- Hot-Pluggable
- Monitoring interface compliant with SFF-8472
- Compliant with Bellcore TA-NWT-000983
- RoHS Compliant Products Available

Model : W-SFP126x

Features

- Up to 6.25Gbps data links
- 300m with 50/125 2000MHz MMF
- 850nm VSCEL laser
- Duplex LC Connector
- Hot-pluggable SFP+ footprint
- Single 3.3V power supply
- Operating temperature: Refer to Or dering Info
- RoHS Compliant Products Available
- Digital Diagnostic Monitor (DDM)
- Power Consumption < 1W

Model : W-SFP1210x

Features

- Optical interface compliant to IEEE802.3ae 10GBASE-LR
- Electrical interface compliant to SFF-8431
- Hot pluggable
- 1310nm DFB transmitter, PIN photo - detector
- Operating case temperature : 0 to 70 ˚C
- Low power consumption
- Applicable for 10km SMF connection
- All - metal housing for superior EMI performance
- Advance firmware allow customer system encryption information to be stored in transceiver
- Cost effective SFP+ solution, enables higher port densities and greater bandwidth

Media Converter

Chassis Media

Model : W-MDCHASSIS

Features

- Standard size, can be installed for easy centralized management with optical fiber products.
- modulized design, easy for maintenances.
- Avoiding from the interferences of the electromagnetism signals caused by the power suply.
- Can be installed with 14 pieces card-type products at the same time The modules can be different
- The modules can be different
- Every module work respectively, won't interfere with each other offer the satnd-by power supply
- Best after-sale service offered by our company. Three years guarantee, and maintenances for the whole life

WARANTY 1 YEARS

RoHS FC CE

Specification

Type	Description
Capacity	14 slots Available. every 10/100m converter, every 10/100/1000m
Structure	2U high : 19 inch standard design
Power supply (Dual)	input : AC 100~260V , 50~60 Hz Output :DC +5V 12A
Switching tme	< 5
Back wave loss	> 55
Max input optical power	500
Switching life	> 1000times
Optical connector type	FC/APC or SC/APC
Supply voltage	AC160V - 250V (50Hz) /DC - 48V
Consumption	< 2
Operating temperatuer	-5 - +55
Max relative humidity for working	Max 95% No condensation
Storage Temperature	-30 - +70
Max relative humidity for storage	Max 95% No condensation
Dimensions (mm)	483(W)x270(L)x44(H)

Media Converter 10/100M

mini Industrial Media Converter

Features

- Support 1 100Base-X SFP slot and 1 10/100Base-T(X) Ethernetport.
- Designed to fit into space-limited camera enclosure, can also be used as DIN-Rail mounted or panel mounted unit.
- Support Link Fault Pass Through(LFP), converter mode andswitch mode.
- Industrial chip design, 15kV ESD protection, 8kV surgeprotection.
- DC5-60V and AC18-36V redundancy power.
- IP40 Rated aluminum alloy housing, -40-85°C operatingtemperature.

WARRANTY 3 YEARS

RoHS FC CE

Model : W-mIWDM1211N

Model : W-mIMD1211N

Model : W-mISFPMD

Specification

Type	Description
Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x ,EN55032/24, EN61000-6-4, UL60950-1
Flow Control	IEEE802.3x flow control, back press flow control
Switching Performance	Forwarding Rate: 0.446Mpps
	Transmission Mode: Store and Forward
	Packet Buffer Size: 1M
	System Exchange Bandwidth: 0.6Gbps
	MAC Table Size: 1K
	Delay Time: < 3μ
Ethernet Port	10/100Base-T(X) auto speed control, full/half duplex and MDI/MDI-X
	Auto-adaptation
Fiber Port	100Base-X SFP slot
LED Indicator	Power Indicator: PWR
	Fiber Port Indicator: SD
	Fiber Signal Indicator: LK / ACT
DIP Switch	Link Fault Pass Through(LFP)
	Converter Mode, Switch Mode
Power Supply	Input Voltage: DC5-60V and AC18-36V
	Connector: 3 bit 5.08mm removable terminal block
	Full Load: <2W
	Protection Mechanism: overload protection, reverse connection protection,
	redundancy protection
Mechanical Structure	Shell: IP40 protection, aluminum-alloy housing
	Dimension: 59*36*49mm(L*W*H)
	Weight: 150g
	Installation: DIN-Rail mounting, wall mounting
Operating Environment	Operating Temperature: -40 - 75°C
	Storage Temperature: -40 - 85°C
	Ambient Relative Humidity: 5% - 95% (non-condensing)
Industry Standards	EMI:FCC Part 15 Subpart B Class A, EN 55022 Class A
	EMS:EN61000-4-2 (ESD), Level 4 at 15kV(Air), 8kV(Contact)
	EN61000-4-3 (R/S), Level 3 at 10V/m
	EN61000-4-4 (EFT), Level 4 at 4kV(Power Port), 2kV(Date Port)
	EN61000-4-5 (Surge), Level 4 at 4kV
	EN61000-4-6 (CS), Level 3 at 10V/m
	EN61000-4-8, Level 5 at 100A/m
	Shock: IEC 60068-2-27
	Free Fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
MTBF	>100,000 Hours
RJ45 Port	IEEE 802.3 10Base-T, IEEE802.3u 100Base-T(x)
Fiber optic Port	SC Type / Support 100Base-FX
Support	Fiber optic SM at distance 20Km

เงื่อนไขการรับประกัน

- น้อยกว่า 7 วัน : เปลี่ยนตัวใหม่ทันที
- น้อยกว่า 1 ปี : ทำการตรวจเช็คประมาณ 3 วัน (เวลาทำงาน), เปลี่ยนตัวใหม่
- มากกว่า 1 ปี : ทำการตรวจเช็คประมาณ 20 วัน (เวลาทำงาน)

Media Converter

Industrial Media Converter

Features

- Built-in efficient switching core to implement flow control and reduce broadcast packets
- Standard:IEEE802.3u, Auto-MDIX & Auto-negotiation, 100BASE-FX, IEEE802.3u 100BASE-TX, IEEE802.3 10BASE-T IEEE802.3x
- 10/100Base-TX can automatically identify the direct line and cross-line with Various cards, switches, HUB and other Ethernet devices
- It uses a store-and-forward mechanism to avoid packet loss and error frames
- Support cut-through transmission and full-duplex flow control/ half-duplexback pressure mode
- Support jumbo frame up to 9K(cut-through mode)
- 48V DC or 24V AC Wide power input, redundant power and reverse polarity protection
- -40 to 80° C operating temperature to meet a variety of complex environments
- IP40 protection standard housing
- Power port and Ethernet port supports ESD protection and EFT protection
- Din rail and panel mounting for efficient usage
- Support single-fiber single-mode fiber port selection expanded the needs of users (optional)
- Support DIP switches for operation mode setting

Model : WD-iN111

Model : WD-iN112

Model : WD-iN114

Model : WD-iN118

Specification

Type	Description
Design Level	Industrial grade IP40 design standards
Access mode	10/100 Mbps
Standard	IEEE802.3u 100BASE-FX, IEEE802.3 10BASE-T, IEEE802.3x Flow Control, IEEE802.3at
Wavelength	1310nm/1550nm
Transmission distance	Single fiber single mode : 20/40/60/80/100 km Category-5 twisted pairs : 100m
Port	One RJ45 port : Connecting Category-5 twisted pairs, EIA568A/B One optical port Single mode : SC (9/125 μm)
Conversion means	Store and Forward mode or Cut-Through mode
Address table	1K
Buffer space	Builk in 288Kb RAM for data buffer
Flow control	Full duplex : flow control Half duplex : back pressure
BER	$<10^{-9}$
MTBF	50,000 hrs
LED indicator	Power Supply : PWR1, PWR2 : UTP Port : PoE1, L/A, 100M : Fiber port : F1
Power supply	Power Input Range : 48V DC/24V AC, 6-PIN Terminals, Redundant dual power
Power consumption	<5W(without PSE function)
Operating temperature	<40~80˚C
Operating humidity	5%~95% non-condensing
Storage temperature	-40~80˚C
Storage humidity	5%~95% non-condension
Dimensions (mm)	140(w)x110(D)x40(H)

Media Converter

Fast Industrial Media Converter

Model : W-MIN1063GF-4POE

Features

- Industrial Ethernet series designed specifically for harsh industrial environments.
- Support WEB, CLI, Telnet/serial console, Windows utility SNMP of management methods, Easy to quickly configure the main management functions.
- Support IEEE 1588 PTP V2 (Precision time protocol) , Accurate network time synchronization.
- DHCP Option 82 Used to assign IP addresses to different policies.
- Support for WIDEN Patent ring protocol W-Ring (self-recovery time <15ms), STP, RSTP and MSTP Ethernet redundancy.
- IGMP Snooping and GMRP filter multicast traffic.
- Support for port based VLAN, IEEE 802.1Q VLAN and GVRP protocol, simple network planning.
- Support port mirroring.
- Support Ethernet/IP and Modbus/TCP protocol for device management and control.
- Support multicast, broadcast storm control.
- Bandwidth management: support port aggregation, port speed limit, broadcast storm suppression.
- Using industrial design: -40 ℃ ~ +80 ℃ working temperature and redundant dual power input (36-72V DC)
- IEEE 802.3af and 802.3at. Supports per port PoE configuration function.
- Protection grade: IP40, aluminum chassis cooling surface design, no fan, no cooling hole.
- Support QoS and ToS/DiffServ for traffic control and management.
- Support link aggregation to optimize bandwidth utilization.
- Support SNMPv3, IEEE 802.1X, HTTPS and SSH, enhance network security.
- Support SNMPv1/v2c/v3 network management at different security levels
- Support TACACS+.
- Using RMON to improve network monitoring and forecasting.
- Support bandwidth management to ensure network stability.
- Support MAC address based port lock to prevent illegal intrusion.
- Through the E-mail and relay output, automatic alarm.
- Reset: support for reboot and restore default configuration.

Standard

- IEEE 802.3af and 802.3at. Supports per port PoE configuration function
- Protection grade: IP40, aluminum chassis cooling surface design, no fan, no cooling hole
- Support QoS and ToS/DiffServ for traffic control and management
- Support link aggregation to optimize bandwidth utilization
- Support SNMPv3, IEEE 802.1X, HTTPS and SSH, enhance network security
- Support SNMPv1/v2c/v3 network management at different security levels

WARRANTY 3 YEARS

RoHS FC CE

Specification

Type	Description
Technical parameter	Standard : IEEE802.3,IEEE802.3u, IEEE802.3ab ,IEEE802.3x, IEEE802.1D(STP), IEEE802.1w(RSTP),IEEE802.1Q(VLAN Tagging),IEEE802.1p(QoS) Protocol : W-Ring, IGMP v1/v2, GVRP, SNMP v1/v2/v3 , DHCP Client, TFTP, SMTP, RMON LLDP, HTTP, SSH, Telnet, SNTP Server/Client,. Flow control, IEEE802.3x(Flow control), Back Pressure
Function	Switch function : W-Ring, POE+, RSTP, SNMP, QOS, 802.1Q VLAN, Port Trunking, Static multicast filtering, Bandwidth management, Broadcast storm, Port traffic statistics, Online upgrade, Upload and download profiles, User name login system, etc. W-Ring: Support Single, couple, Chain, Dual homing etc. ring network structure.
Interface	Fast port : 2X4 10Base-T/100Base-TX adaptive, RJ45 port. Gigabit port : 1X2 1000Base-X SFP fiber port. Rs232 port number : 1 RS-232 Control port, baud rate: 57600bps
Transmission distance	RJ45 : 100M (Standard CAT5/CAT5e cable) Multimode fiber : 1310nm,2KM single mode fiber : 1310nm,20/40/60Km 1550nm,20/40/60/80/100/120Km
Switch attribute	Fast forwarding speed : 0.1488Mpps Gigabit forwarding speed : 1.488Mpps VLAN number : 256 VLAN ID : 1~4096 Multicast group number : 256 transmission mode : Store and forward. System switching bandwidth : 5.6G MAC address table : 8K Buffer : 1Mbit Frame buffer.
Standard certification	EMI : FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS : IEC61000-4-2(ESD) ±8kV(contact), ±15kV(air) IEC61000-4-3(RS) 10V/m(80MHz-2GHz) IEC61000-4-4(EFT) Power Port : ±4kV; Data Port: ±2kV IEC61000-4-5(Surge) Power Port : ±2kV/DM, ±4kV/CM; Data Port : ±2kV IEC61000-4-6(CS) 3V(10kHz-150kHz); 10V(150kHz-80MHz) IEC61000-4-16(common mode conduction) 30V(cont.), 300V(1s) Mechanics : IEC60068-2-6, IEC60068-2-27, IEC60068-2-32 Industry : IEC61000-6-2 Railway : EN50155,EN50121-4 Traffic control : NEMA TS-2 Industry : IEC61000-6-2 Railway : EN50155,EN50121-4 Traffic control : NEMA TS-2
LED indicator light	System indicator : SYS Interface indicator : The green light is 100M, Off is 10M. Yellow light is light and blink for port link-up status, Transmitting and receiving data, Off is link-down status.
Power Supply	Input voltage : 46~54VDC Input mode : Plug in type 6 core 5.08mm spacing terminal Support redundancy function for dual power supply
Work environment	Operating temperature range : -40~75℃ Storage temperature range : -40~85℃ Outer case : IP40 protection grade, corrugated high strength metal case Installation method : guide rail type.

Specification

Type	Description
W-MIN1063GF	6X10/100BaseTX port + 3X1000BaseX SFP slots PoE-PSE 15.4/25.4W , DC(46~54V)

Media Converter

Fast Industrial Media Converter

Model : W-MIN1082GF-AF8

Features

- Industrial Ethernet series designed specifically for harsh industrial environments
- L2+ features provide better manageability, security, QoS, and performance
- Support L2+ Switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, LLDP, POE+ management, IP Source Guard, ARP inspection, ACLs etc
- Support spanning tree STP(802.1D) and RSTP(802.1W)
- Jumbo frames support up to 9.6K kilobtyes
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP
- Support cable diagnosis
- IEEE 802.3af and 802.3at. Supports per port PoE configuration function
- G.8032, support <50ms industrial quick ring protection
- Using industrial design: -40 ℃ ~ +80 ℃ working temperature and redundant dual power input (46-54V DC)
- Protection grade: IP40, aluminum chassis cooling surface design, no fan, no cooling hole

Standard

- Industrial Ethernet series designed specifically for harsh industrial environments
- L2+ features provide better manageability, security, QoS, and performance
- Support spanning tree STP(802.1D) and RSTP(802.1W)
- Jumbo frames support up to 9.6K kilobtyes
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP

WARANTY 3 YEARS

RoHS FC CE

Specification

Type	Description
Technical parameter	Standard : IEEE802.3, IEEE802.3u, IEEE802.3ab ,IEEE802.3x, IEEE802.1D(STP),IEEE802.1w(RSTP),IEEE802.1Q(VLAN Tagging),IEEE802.1p(QoS) Protocol : W-Ring, IGMP v1/v2, GVRP, SNMP v1/v2/v3 , DHCP Client, TFTP, SMTP, RMON, LLDP, HTTP, SSH, Telnet, SNTP Server/Client,. Flow control : IEEE802.3x(Flow control), Back Pressure
Function	Switch function: POE+, RSTP, SNMP, QOS, 802.1Q VLAN, Port Trunking, Static multicast filtering, Bandwidth management, Broadcast storm, Port traffic statistics, Online upgrade, Upload and download profiles, User name login system, etc.
Interface	10/100M RJ45 port Giga Fiber port : 1X2 1000 Base-X SFP fiber port. Rs232 port number : 1 RS-232 Control port, baud rate : 57600bps
Transmission distance	RJ45 : 100M (Standard CAT5/CAT5e cable) Multimode fiber : 1310nm, 2KM single mode fiber : 1310nm, 20/40/60Km 1550nm, 20/40/60/80/100/120Km
Switch attribute	Gigabit forwarding speed : 1.488Mpps transmission mode : Store and forward. System switching bandwidth : 20G MAC address table : 8K Buffer : 1Mbit Frame buffer.
LED indicator light	System indicator : SYS Interface indicator : The green light is 1000M, Off is 100M. Yellow light is light and blink for port link-up status, Transmitting and receiving data, Off is link-down status.
Power Supply	Input voltage : 46~54VDC Input mode : Plug in type 6 core 5.08mm spacing terminal Support redundancy function for dual power supply
Work environment	Operating temperature range : -40~75 ℃ Storage temperature range : -40~85 ℃ Outer case : IP40 protection grade, corrugated high strength metal case Installation method : guide rail type.

Specification

Type	Description
W-MIN1082GF-AF8	8X10/100 BaseTX port + 2X1000BaseX SFP slots PoE-PSE 15.4/25.4W , DC(46~54V)