

MF-5P Series



PRODUCT DESCRIPTION

This series unmanaged switch(PoE optional), with 2/4*10/100M RJ45 port+ 1 uplink fiber/RJ45 port, Series uses high-speed TDM technology, each network occupies a separate Gigabit transmission channel, so as to completely eliminate the crosstalk of various subsystems in the monitoring system, and eliminate the penetration of all kinds of data, such as high-definition video and other data.

PRODUCT PARAMETERS

Provider Mode Ports	
Fixed port	2/4*10/100 Base-T +1* 100Base-X 5*10/100 Base-T
Power interface	PoE: DC connector(2.1mm)
LED Indicators	P: Power indicator M: PoE model: when the load power exceeds 90% of the total power of the power supply, the red light will flash to give an alarm; Non-PoE model: Chip read / write abnormal alarm 5: Link/ act link status indicator of port 5 N: When the devices have 5 ports, the indicator off
Optical fiber interface	LC, SC
Cable Type & Transmission Distance	
Twisted-pair	Non-PoE: 0-100m (CAT5e,CAT6) PoE(1000Mbps) : 0-100m (CAT5e,CAT6) PoE(10Mbps) : 0-250m (CAT5e,CAT6)

Monomode optical fiber	20/40/60/80/100KM
Multimode (optical) fiber	550M
Electrical Specifications	
Input voltage	Non-PoE: DC5-16V PoE: DC48V (suggestion DC52-57V)
Total Power consumption	Non-PoE (Total power) ≤5W; PoE (802.3af, 802.3at) ≤125W
PoE (Optional)	
PoE port	1-2/1-4
PoE Protocol	802.3af, 802.3at
Pin Assignment	1/2+, 3/6- (802.3af, 802.3at)
PoE Port Power	802.3af: 15.4W 802.3at: 30W
PoE Short Protect	Support
PoE Priority Dip-switch	Support (When the total load exceeds the range, priority should be given to the power supply of the specified port)
Environment	
Operating temperature	Non-PoE: -25°C~+70°C PoE: -25°C~+60°C
Storage temperature	-40°C~+75°C
Relative humidity	5%~95% non-condensing
Thermal methods	Fanless, natural cooling
MTBF	500,00 hours
EMC & Ingress Protection	
Surge protection of Power	IEC 61000-4-5 Level 3 (2KV) (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 4 (4KV) (10/700us)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Mechanical Dimensions	
Product size	140*88*28mm (LxWxH)
Installation Method	Desktop
Weight	0.3KG around
Accessories	
Accessories	Device, Certificate, instruction, Dust plug
	Power adapter(Optional)
Optional Model	
MF-2P-1SC	1 SC 100M fiber port +2*10/100M RJ45 port PoE DC48-58V
MF-2P-1SC-A	1 SC 100M fiber port(single mode single fiber) +2*10/100M RJ45 port POE DC48-58V
MF-2P-1SC-B	1 SC 100M fiber port (single mode single fiber)+2*10/100M RJ45 port PoE DC48-58V
MF-4P-1SC	1 SC 100M fiber port +4*10/100M RJ45 port PoE DC48-58V
MF-4P-1SC-A	1 FC 100M fiber port(single mode single fiber) +4*10/100M RJ45

	port PoE DC48-58V
MF-4P-1SC-B	1 ST 100M fiber port(single mode single fiber) +4*10/100M RJ45 port PoE DC48-58V