

MIT-904P/908P/912P
Multiport Passive PoE Injector

USER'S MANUAL



MSTRONIC CO., LTD.

1. Introduction

The MIT-904P/908P/912P is a 4/8/12 ports passive PoE injector, 1U rack mount upgradeable from 4 to 12 ports, in a 10/100/1000BaseTx Ethernet network, over TIA/EIA-568 Category 5/5e/6 cabling. It is power on all 4 pairs of the cabling.

Features

- 4/8/12 port Passive PoE Injector (No detection)
- Support 4/8/12 ports full load, max. 300W/600W/900W
- AC input (100-240 VAC, 50/60 Hz)
- Independent overload and short-circuit protection per module
- Individual power status indicator
- Supports IEEE 802.3af/at/bt non-standard device
- Standard 19" or 23" rack mountable
- DIY upgrade from 4 port to 12 port available

2. Hardware Description

Front Panel

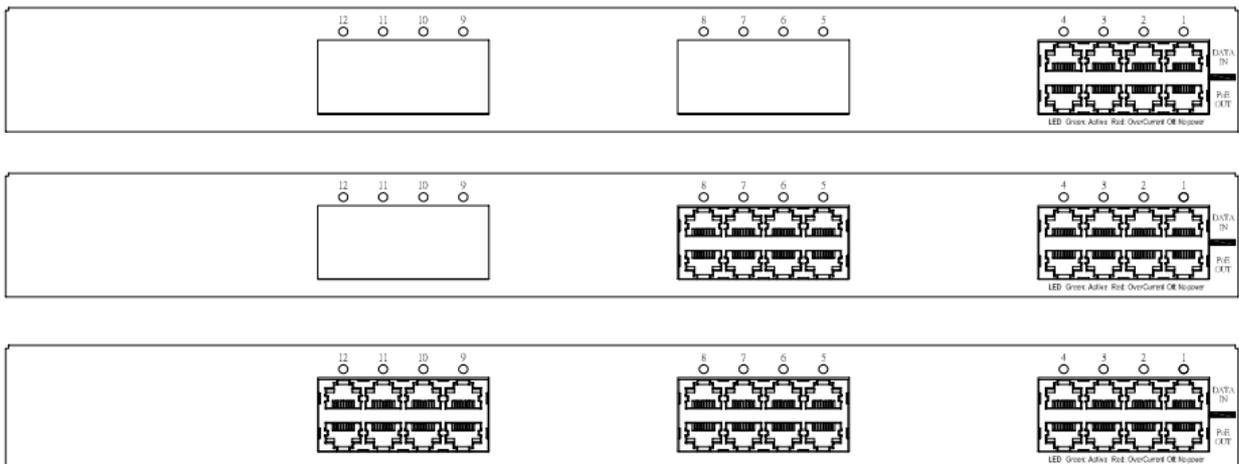


Figure 2-1. The Front panel of MSE MIT-904P/908P/912P

The Front Panel of the MSE MIT-904P/908P/912P consists of 4/8/12 x RJ-45 Ethernet ports (data), 4/8/12 x RJ-45 PoE ports (data + power), 4/8/12 x LED port indicators, each LED indicates the individual port power status.

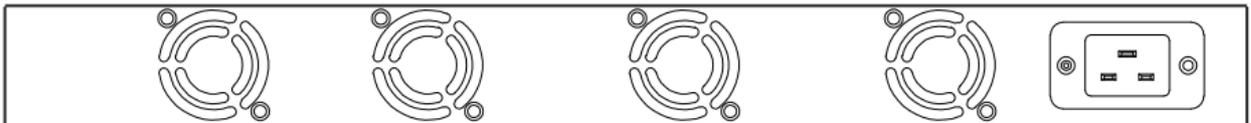
LED Indicators

The LED Indicators gives real-time information of systematic operation status.

Color	Status	Description
Green	On	Power delivering
RED	On	Over current
--	Off	No power delivered

Table 2-1. The Description of LED Indicators

Rear Panel



The C20 AC inlet, and 4 Ventilation fans are located at the rear panel of MIT-904P/908P/912P. The device will work with AC in the range 100-240V AC, 50-60Hz.

Power On

Connect the power cord to the power socket on the rear panel of the unit. The other side of power cord connects to the power outlet. The internal power supply of the PSE works with voltage range of AC in the 100-240VAC, frequency 50~60Hz. Check the indicators on the front panel to see if power is properly supplied.

3. Technical Specification

PARAMETER	MIT-904P	MIT-908P	MIT-912P
Data Ports	4	8	12
PoE Ports	4	8	12
Data Rates	10/100/1000 Mbps		
Output power	75Watt:Per port @DC55V		
Power consumption (maximum)	300W	600W	900W
PoE pin assignment	Data pair A(1&2,V-),data pair B(3&6,V+), Data pair C(4&5,V+) & data pairD(7&8,V-)		
AC Input	100~240VAC,50/60Hz		
AC Input Current require	6A@ 120VAC or 3A@230VAC	12A @120VAC or 6A@230VAC	18A@120VAC Or 9A@230VAC
PoE protection	Over-current:1.6A		
Indicator	Per port: Green: PoE active Red: over current Off: no power		
Environment	Operating Temperature: -20°C~60°C Storage Temperature: -40°C~85°C Humidity: 10%~95%RH (non condense)		
Dimensions	430mm(L) x 403mm(W) x 44mm(H), 19" Rack-Mount / 1U		
Weight	3.6kg	4.9kg	6.5kg