



# MSTronic Co., Ltd.

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## SPECIFICATION

MIT-901G

Gigabit Passive PoE Injector/Splitter

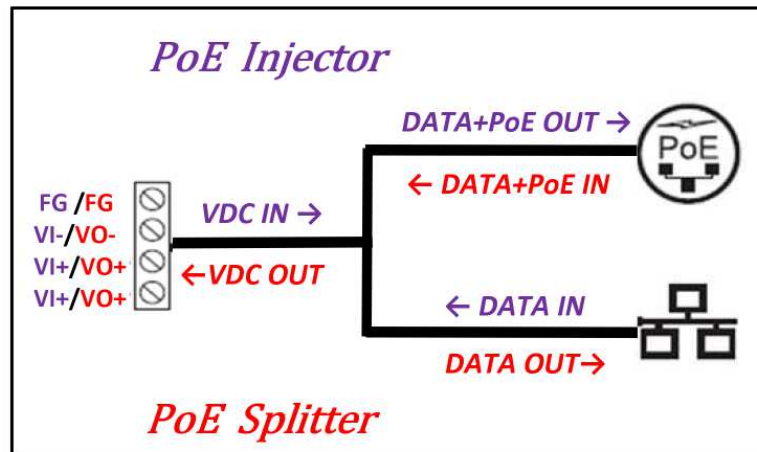
1. INPUT :

1.1 Input Voltage: DC 12V to DC 48V

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	$V_{out}=V_{in}$
Max. load	1.75A



3. GENERAL DESCRIPTION

- 3.1 Operation Temperature: -40 - +70 Degree  
3.2 Storage Temperature: -40 - +85 Degree  
3.3 Operation Humidity: 5% - 90% 45 Degree  
3.4 Cooling: Free air cooling  
3.5 SIZE : 125\*72\*38 (L\*W\*H)m/m

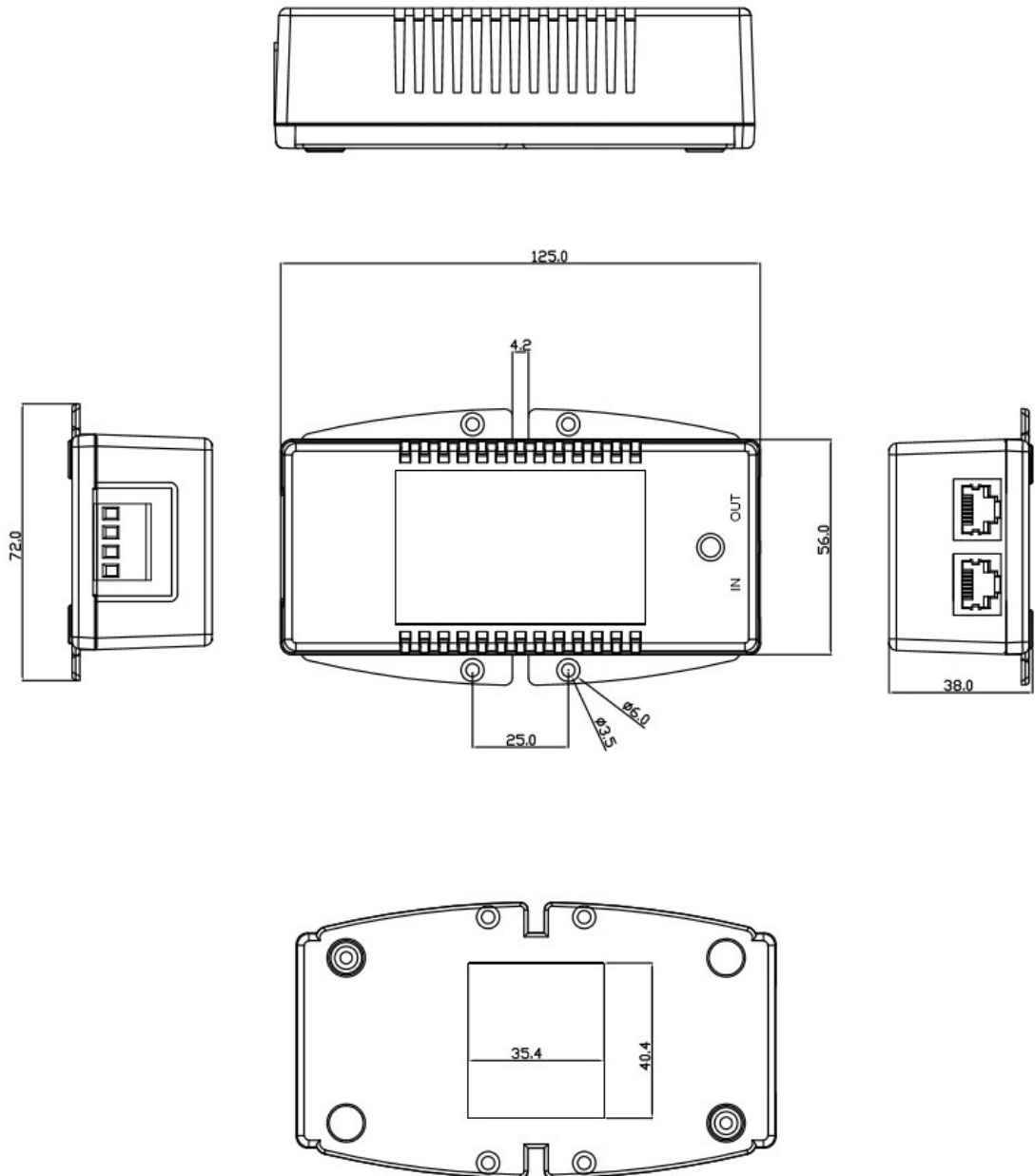


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## 4 CONNECTION :

RJ45 Connection and pin out: @1000MBASE

RJ-45 Input (Data Only)			RJ-45 Output (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	BI_DA+	Data Pair A+	-Vdc + BI_DA+	power(-)+Data Pair A+
2	BI_DA-	Data Pair A-	-Vdc + BI_DA-	power(-)+Data Pair A-
3	BI_DB+	Data Pair B+	+Vdc + BI_DB+	power(+)+Data Pair B+
4	BI_DC+	Data Pair C+	+Vdc + BI_DC+	power(+)+Data Pair C+
5	BI_DC-	Data Pair C-	+Vdc + BI_DC-	power(+)+Data Pair C-
6	BI_DB-	Data Pair B-	+Vdc + BI_DB-	power(+)+Data Pair B-
7	BI_DD+	Data Pair D+	-Vdc + BI_DD+	power(-)+Data Pair D+
8	BI_DD-	Data Pair D-	-Vdc + BI_DD-	power(-)+Data Pair D-

5. indicator LED RED when power ON, LED GREEN when load over 200mA.

## Note:

1. the model is a Non-standard PoE injector – for use with compatible radios only.
2. RJ45 shield are connected to FG.

