



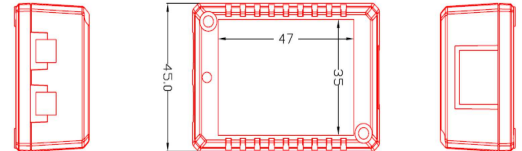
MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, New Taipei City, 248 Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

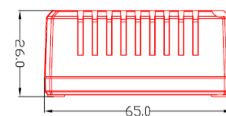
E.MAIL: mse@mse.com.tw
WEB: http://www.mse.com.tw

- 4.2 Operation frequency is 125KHZ
- 4.3 Isolation Voltage : 1500Vdc
- 4.4 Isolation Resistance :100M ohms (min)
- 4.5 Input Signature Resistance : 25K ohms
- 4.6 PoE 802.3at/af Input.
- 4.7 Maximum Capacitive Load : 470UF
- 4.8 POE OUT Voltage and POE IN is the same.



5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -25 - +50°C
- 5.2 Storage Temperature: -40 - +85°C
- 5.3 Operation Humidity: 5% - 90%RH (non-condensing)
- 5.4 Cooling: Free air cooling
- 5.5 SIZE : 65x45x26 (L*W*H)m/m



6. USB Charger :

- 6.1 Supports USB Battery Charging Specification 1.2 (BC1.2 Charging Spec up to 1.5A)
- 6.2 Supports Apple® Device fast charging (up to 2.4A)
- 6.3 Supports Samsung Galaxy Tab Devices charging (up to 2.1A)
- 6.4 Supports Chinese Telecommunications Industry Standard YD/T 1591-2009
- 6.5 Automatic charging detection circuit for Apple, Samsung, and BC compliant devices

7. CHANNEL CONNECTORS & PIN OUT :

7.1 RJ45 Input (10/100M)

RJ-45 Input (Data & Power)		
Pin	Symbol	Description
1	RX+, Vin +/-	Data Receive/ Feeding power(+/-)
2	RX-, Vin +/-	Data Receive/Feeding power(+/-)
3	TX+, Vin +/-	Data Receive/Feeding power(+/-)
4	Vin +/-	Feeding power(+/-)
5	Vin +/-	Feeding power(+/-)
6	TX-, Vin +/-	Data Receive/ Feeding power(+/-)
7	Vin +/-	Feeding power(+/-)
8	VIn +/-	Feeding power(+/-)



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7.2 RJ45 Output (output 2)

RJ-45 Output (Data & Power)		
Pin	Symbol	Description
1	RX+	Data Receive
2	RX-	Data Receive
3	TX+	Data Receive
4	VO+	Feeding power(+)
5	VO+	Feeding power(+)
6	TX-	Data Receive
7	VO-	Feeding power(-)
8	VO-	Feeding power(-)

7.3 Connector

Vin RJ45

Vout USB female + RJ45 female

RJ45 input/output shield connect to FG together.

