



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu Township, Taipei County, Taiwan

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

E.MAIL: mse@mstronictaiwan.com

WEB: <http://www.mse.com.tw>

MIT-14AD PoE Injector

SPECIFICATION

1. INPUT :

1.1 Input Voltage: 18Vac to 28Vac Normal = 24Vac

1.2 Input Current: 1.65A at 24Vac

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	+48V
Max. load	0.35A
Power	17W
Min. Load	0.01A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	1%



TOTAL POWER :17W

Note 1: Noise bandwidth is from DC to 20Mhz. Ripple & Noise is measured by Paralleling a 0.1uF metalize capacitor on the test point.

3. EFFICIENCY : 75% min at Full Load , 24Vac Input Voltage

4. PROTECTION

4.1 Short Circuit Protection

Output Short GND Terminal will not damage the Power Supply and will Auto-Reset.

4.2 Input have Fuse Protection.

4.3 Safety Standard : meet UL1950, CSA 22.2 &TUV EN60950.

4.4 EMC : meet FCC Class B , EN55022 Class B

4.5 Over Current : 120% ~ 160% @24Vac Input F.L

5. GENERAL DESCRIPTION

5.1 Operation Temperature: - 25 - +50 Degree

5.2 Storage Temperature: -40 - +80 Degree

5.3 Operation Humidity: 5% - 90%

5.4 Cooling: Free air cooling



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu Township, Taipei County, Taiwan

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

E.MAIL: mse@mstronictaiwan.com

WEB: <http://www.mse.com.tw>

5.5 SIZE : 86*76*36 (L)*(W)*(H) unit: m/m

6. Indication :

6.1 Output Ready the LED will be “RED”

6.2 Output 802.3af OK the LED will be “GREEN”

7. CONNECTED :

RJ45 Connected and pin out:

RJ-45 Input (Data Only)			RJ-45 Output (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	RX+	Data Receive	RX+	Data Receive
2	RX-	Data Receive	RX-	Data Receive
3	TX+	Data Transmit	TX+	Data Transmit
4	NC	Not Connector	-Vdc	Feeding power(+)
5	NC	Not Connector	-Vdc	Feeding power(+)
6	TX-	Data Transmit	TX-	Data Transmit
7	NC	Not Connector	(-Vdc)_return +	Feeding power(-)
8	NC	Not Connector	(-Vdc)_return +	Feeding power(-)

Note :

1. DC output GND and Vin ac should not be shorted to frame ground(FG).

2. INPUT CONNERTER :

