POE Module

1.product features：

1.1 Specification：with IEEE802.3af standard

1.2 Security：Has a perfect short circuit protection, 1500V high voltage isolation

1.3 Size :38*38mm

1.4 Compatibility: integrated network adapter supports End-span (1,2 + / 3,6 -) and Mid-span (4,5 + / 7,8 -) two power modes

1.5 use for min dome IP camera case.Ultrathin modules.The highest to lowest is only 9mm

2. Applications：All IP Camera

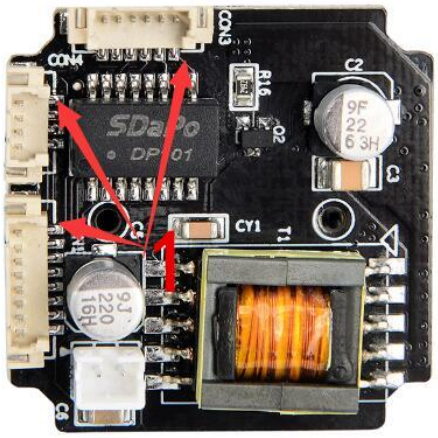
3. The main parameters：

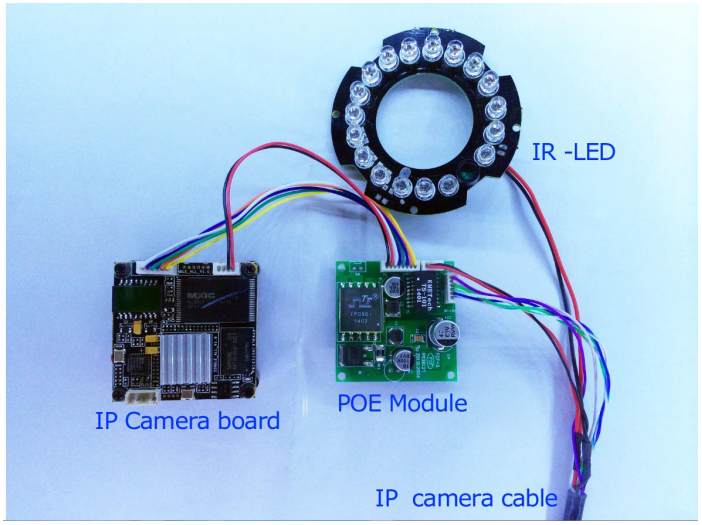
No.	Parameter	Symbol	Min	Typical values	Max	Unit
1	Input Voltage	Vin	37	48	57	V
2	output voltage	+VDC	11.8	12	12.3	V
3	output Current	PWR		1	1.08	A
4	Isolation Voltage	ISO	1.48	1.5	1.52	KV
5	Storage Temperature	Tj	-40	25	120	℃
6	Operating Temperature	Tstg	-20	25	65	℃

3.1 is typically 25 ℃, measured under the 48V power supply environment, only for reference design

3.2 Do not exceed the recommended load value of 850mA (not included IR-cut switch) to adapt to different environments

4. Interface Definition：





P3：PoE Board output		P1：cable data input	
1	RJ 6	1	RJ 6
2	RJ 3	2	RJ 3
3	RJ 2	3	RJ 2
4	RJ 1	4	RJ 1
5	LED2	5	LED2
6	LED1	6	LED1
7	DC 12V+		
8	DC 12V-		

P2： cable power input	
1	DC 12V+
2	DC 12V-
3	RJ 4,5
4	RJ 7,8

P4： power output (Backup interface)	
1	DC12V +
2	DC 12V -