EBU-101G LF　Gigabit & High Power Base Unit for PoE

1. Features：

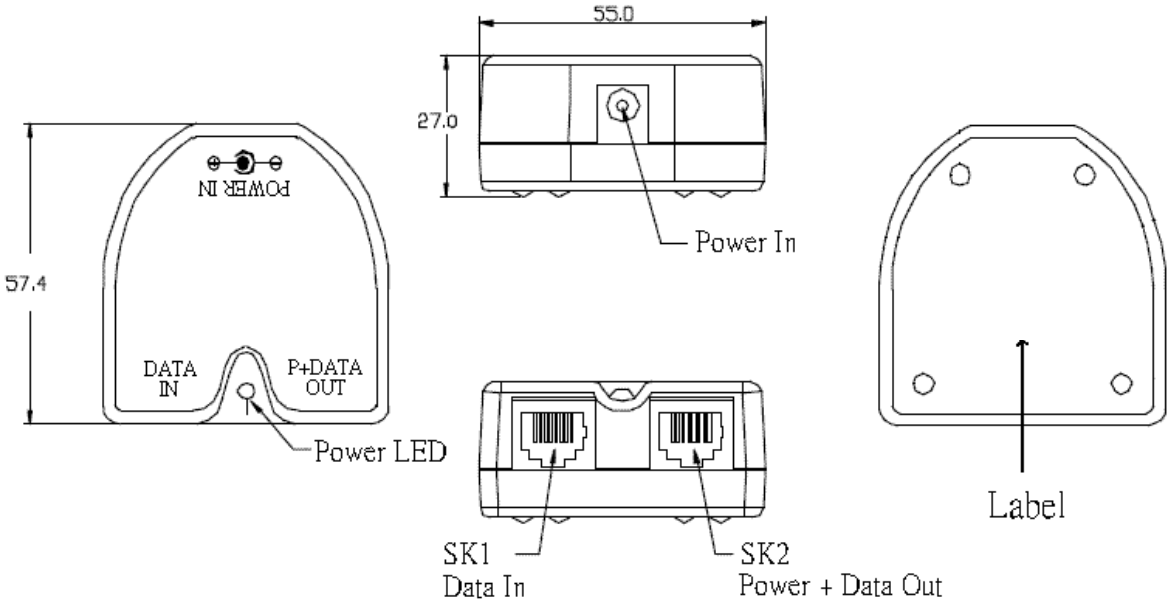


1.1. RJ-45 Input / Output Connector
1.2. Input / Output Common Ground
1.3. Power / Data Mixer
1.4. 10 / 100 / 1000 Base-T
1.5. Ethernet Switches expand to Wireless Access Point
1.6. RoHS Converter Certified By SGS

2. Input / Output Specifications：

2.1.	DC Input Voltage	：48V ± 5 %	* Depend on External Switching Adapter
2.2.	DC Output Voltage	：48V ± 5 %	* Depend on Input Voltage
2.3.	DC Output Current	：720mA Max.	
2.4.	Over Current Protection	：Multi-Fuse Open	* I_H = 1.5A
2.5.	Power ON Indicator	：Green LED Display	

3. Mechanical Dimension：



Units : mm　&　Tolerance : 0.xx ± 0.25

4. General Sepcification:

4.1.	Operating Temperature	：0℃ ~ +50℃
4.2.	Storage Temperature	：-20℃ ~ +70℃
4.3.	Humidity	：Up to 90 %

5. Pin Assignment :

Pin	Input SK1	Output SK2	Pin
1	Tx1(+)	Tx1(+)	1
2	Tx1(-)	Tx1(-)	2
3	Rx1(+)	Rx1(+)	3
4	Tx2(+)	Tx2(+) & +48V	4
5	Tx2(-)	Tx2(-) & +48V	5
6	Rx1(-)	Rx1(-)	6
7	Rx2(+)	Rx2(+) & GND	7
8	Rx2(-)	Rx2(-) & GND	8

Power In Interface: DC Phone Jack



O.D. x I.D. = 5.5 x 2.5ψ