



LUCEOR Accessory : AL-001 Power Supply Unit For StartMesh and MegaMesh products

Input Voltage : 90VAC to 264VAC
Input Current : 0,25A at 230VAC

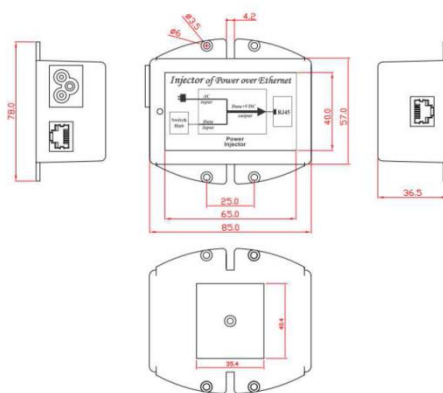
Output Voltage : 18VDC

DIN rail support included.

Efficiency	75% min at Full Load , 120Vac & 230Vac Input Voltage
Protection	<p>Short Circuit Protection Output Short GND Terminal will not damage the Power Supply and will auto-Reset. Over Current : 120% ~ 160% @120Vac Input F.L High Voltage Protection: Output DC voltage over 24V will stop output. Input with Fuse Protection. Safety Standard : EN60950-1. EMC: FCC Class B, EN55022 Class B</p>
Operation Temperature	- 25 ~ +50 Degree
Storage Temperature	-40 ~ +85 Degree
Operation Humidity	5% - 90%
Size	85*78*36 (L)*(W)*(H) mm
Indicator	Output ready, the indicator light on GREEN.

Spec. of surge / lightning protection

	Signal
Operating Voltage	Data 5V
Clamping Voltage	Data 16.5V (@IPP =5A, t p =8/20µs, I/O pin to GND)
Peak Pulse Current	20A (tp=8/20µs)
Pin Protected	4 pin protected (signal pairs)
Max. Shut Capacitance	<3pF (VR = 0V, f = 1MHz, I/O pin to GND) < 1.5 pF (VR = 0V, f = 1MHz, Between I/O pins)
IEC COMPATIBILITY (EN61000-4)	IEC61000-4-2 (ESD) ±15kV (air), ±8kV (contact) IEC61000-4-4 (EFT) 40A (5/50ns) IEC61000-4-5 (Lightning) 20A (8/20µs)



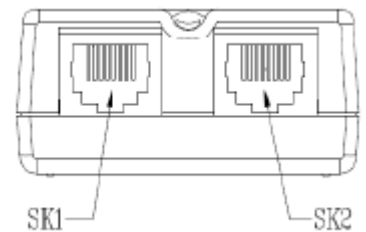
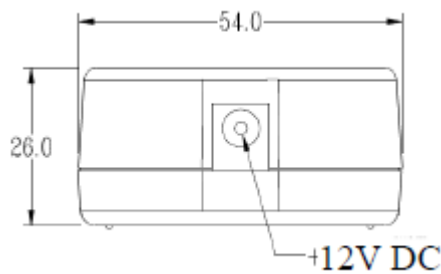
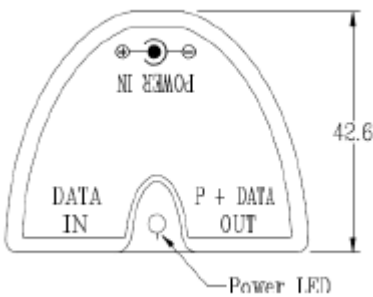


LUCEOR Accessory : AL-002 Passive PoE injector For StartMesh and MegaMesh products

Input Voltage : 10-20VDC
Output Voltage : 10-20VDC

Jack plug 2.1mm (connector not included)

Size : 54x42x26mm





LUCEOR Accessory : AL-003 Power Supply Unit For StartMesh and MegaMesh products

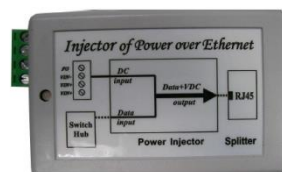
Input Voltage : 9VDC to 36VDC
Input Current : 1,99A at 12VDC / 0,95A at 24VDC

Output Voltage : 18VDC

DIN rail support included.

Efficiency	75% min at Full Load , 120Vac & 230Vac Input Voltage
Protection	<p>Short Circuit Protection Output Short GND Terminal will not damage the Power Supply and will auto-Reset. Input with Fuse Protection. Safety Standard : UL1950, CSA 22.2 & TUV EN60950. EMC: FCC Class B, EN55022 Class B Over Current : 120% ~ 160% @12Vdc Input F.L Dual Input Pin & Reverse Protection-----NO Work</p>
Operation Temperature	- 25 ~ +50 Degree
Storage Temperature	-40 ~ +80 Degree
Operation Humidity	5% - 90%
Size	86*76*36 (L)*(W)*(H) mm
Indicator	Output ready, the indicator light on GREEN.

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 : DC output GND and Vin+/- should not be shorted to ground(FG).



LUCEOR Accessory : AL-004 802.3at Gigabit PoE Injector For GigaMesh products

Input Voltage : 90VAC to 264VAC
Input Current : 0,39A at 230VAC

Output Voltage : 56VDC

DIN rail support included.

Efficiency	80% min. at AC 120V Input @F.L
Protection	Short Circuit Protection Output Short GND Terminal will not damage the Power Supply will Auto-Recover when Load status back to normal. Over Voltage Protection : 59V ~ 65V Over Current Limits : 150% ~ 200% @90V ~ 240Vac Input with Fuse Protection Safety Standard : UL1950, CSA 22.2 &TUV EN60950-1 EMC : FCC Class B, EN55022 Class B
Operation Temperature	- 25 ~ +50 Degree
Storage Temperature	-40 ~ +85 Degree
Operation Humidity	5% - 90%RH (non-condensing)
Size	125*72*38 (L)*(W)*(H) mm
Indicator	LED (RED) POE output ready LED (GREEN) POE normal output to 802.3at application

Spec. of surge / lightning protection

	Signal
Operating Voltage	Data 5V
Clamping Voltage	Data 16.5V (@I PP =5A, t p =8/20µs, I/O pin to GND)
Peak Pulse Current	20A (tp=8/20µs)
Pin Protected	All 8 pin protected
Max. Shut Capacitance	<3pF (VR = 0V, f = 1MHz, I/O pin to GND) < 1.5 pF (VR = 0V, f = 1MHz, Between I/O pins)
IEC COMPATIBILITY (EN61000-4)	IEC61000-4-2 (ESD) ±15kV (air), ±8kV (contact) IEC61000-4-4 (EFT) 40A (5/50ns) IEC61000-4-5 (Lightning) 20A (8/20µs)

