



**INCORE APP Download**



App Store for iOS



Play Store for Android

**FEATURES:**

- IEEE802.3bt-ready PoE PD
- Class 6, 51-W DC output
- Selectable classification
- Integrated BLE mesh module control
- Protection: SCP
- Operating Ambient Temp.: 0°C~+40°C
- Programmable output current via variable resistor
- Flicker free comply with California Title 24
- Comply with FCC Part 15 Class C and NCC
- RoHS Compliant

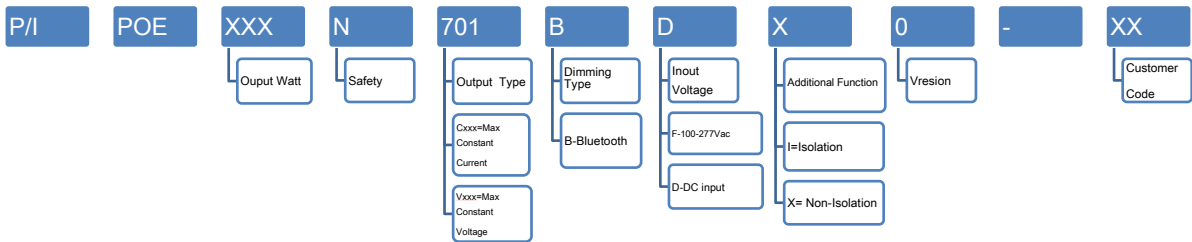
**BLE MESH FEATURES:**

- Auto pairing
- Transmission Range: 30m between PD module to another PD module
- RF Communication Type: 2.4 GHz
- High Speed Communication: <100ms
- Multiple Host
- Brightness dimming, Scheduling, Group Control
- Remote Control and Wall Switch Accessory Available
- Internal Antenna

**PRODUCT SPECIFICATION**

MODEL	DC INPUT VOLTAGE (V)	DC OUTPUT VOLTAGE (V)	OUTPUT CURRENT (A)	OUTPUT CURRENT TOLERANCE (%)	DC OUTPUT POWER (W)	Efficiency Ref. (%)				
IPOE051N112BDX0	0-57	32-44	1.15	±7	51	90				

**Model Number Code**



**Input Specifications**

	Min.	Typ.	Max.	Units	Conditions/Description
Input Voltage Range			57	Vdc	
Inrush current-limit			250	mA	

**Output Specifications**

	Min.	Typ.	Max.	Units	Conditions/Description
Line Regulation		±7		%	
Load Regulation		±7		%	
Output Current Regulation		±7		%	
Operating Current-limit			2.05	A	
Ripple and Noise (pk-pk)		0.5		V	20MHz Bandwidth. See note (3)
Ripple Current		Flicker free			

**Protection Functions**

	Min.	Typ.	Max.	Units	Conditions/Description
Short Circuit Protection					will restart automatically after the fault condition is removed

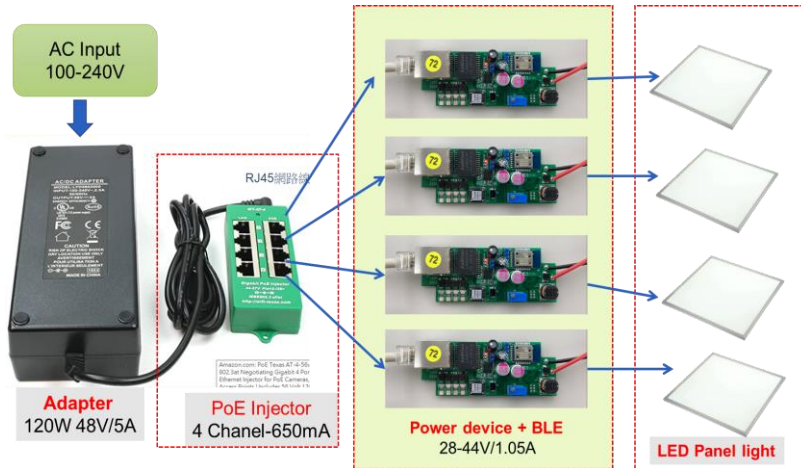
**Environmental Conditions**

	Min.	Typ.	Max.	Units	Conditions/Description
Operating Temperature (Ta)	0		40	°C	Non-condensing
Operating Humidity	20		90	%RH	Non-condensing
Storage Temperature	-40		80	°C	Non-condensing
Storage Humidity	10		90	%RH	Non-condensing
Dimensions(L*W*H)	90*35*18.5mm				PCB Size
Weight			26	g	

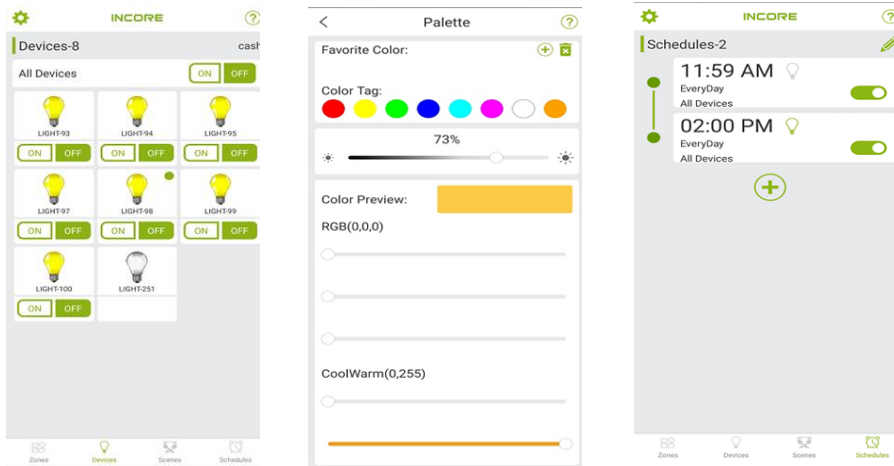
EMC Compliance and Safety		EMC Compliance	
Conducted and Radiated Emission	Comply with FCC Part 15B		
		Safety	
UL	Comply with UL 8750		

\* REFERENCE: [www.linkcom.com.tw](http://www.linkcom.com.tw)  
 \* Please contact [sales@linkcom.com.tw](mailto:sales@linkcom.com.tw), [sales@linkcomusa.com](mailto:sales@linkcomusa.com) for more information

**APPLICATION for PoE Lighting**



**APP APPLICATION**



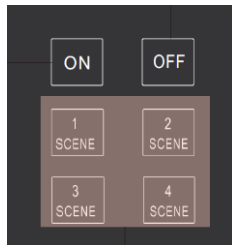
**Accessories**

Description	P/N	Power supply
Remote Control	IRCB_2CW_U18SA0-00G	Battery AAA*2
Touch panel	IBRS-T6A-00G	Battery CR2032*2
BLE PIR Sensor	IBAC0C-PIRE0	L/N AC INPOUT 85-305Vac

Remote Control shape



Portable touch panel



BLE PIR Sensor

