

ZONSTREET LI++SERIES

SOLAR LED LIGHT WITH CCTV



ZONstreet LI++ is the most advanced version of zonstreet light series with built in CCTV camera apart from the lithium ion battery and the motion sensor. The wireless system provides the most foolproof security solution for communities, pathways, campuses and streets.

KEY FEATURES

- High definition (3MP) CCTV camera with fisheye lens
- Camera powered by Solar (during daytime) and battery (at night)
- Inbuilt memory card stores upto one week of live data and also allows to view the stored data remotely
- Inbuilt Wifi card allows live feed on mobile app when connected to local router
- Self Autonomy-Provides backup even with continuous many cloudy days
- Theft proof with Inbuilt Li-ion battery
- Automatic ON/OFF with integrated sensor
- Separate Solar panel facing Sun for best charging efficiency
- Embedded motion sensor increase light intensity by 50% when detecting movement upto 20m range
- IEC certified Solar panel >25years life
- LM80 certified LED with >10 years lifetime
- IEC certified lithium-ion batteries with 3 to 5 years life
- Pressure Die Cast Aluminum body for best thermal performance
- IP65 compliant design to protect from rain and dust
- High efficiency electronics and thermal management
- Aesthetic looks with reflector and lens
- 2 year warranty

SPECIFICATIONS

MODEL	PARAMETER	LI4++	LI6++	
SYSTEM EFFICIENCY	Solar charging – full sunlight	6±1		
	Run time (motion sensor on)	10±1 hrs		
	Run time (motion sensor off)	Dusk to dawn		
	Peak Light Output (lux) @ht (SENSOR OFF)	18@5m	13@6m	
	Peak Light Output (lux) @ht (SENSOR ON)	37@5m	37@6m	
	Indication LED's	Green (Charging ON)		
		Red (Battery low)		
	Light dimming levels (hrs)	3hr @100%; 3hr @ 60%;6hr @ 30%		
	Light dimming on cloudy days	60% & 30%		
	Autonomy (on cloudy days)	Self	Self	
	System Rated (W)	30	40	
	Peak consumption(W)	24±5%	35±5%	
	No of LEDs	6	9	
	l×w×h (mm)	478×230×95	510×290×67	
Weight (Kg)	5.2	8.2		
Certification	UL/MNRE/NISE			
SOLAR PANEL	Power(W)	50	75	
	Max output voltage (Vm)	18	18	
	Max output current (Im)	3	3.5	
	Efficiency	>12%		
	Lifetime	>25 years		
	Certification	IEC-61215		
LED LIGHT	Lumen efficiency	150 Lumens/W		
	Lifetime	>10 years		
	Certification	LM80		
BATTERY	Nominal Voltage	2×(14.8 V)	3×(14.8 V)	
	Capacity (Wh)	154	231	
	Upper cutoff voltage	17 V		
	Lower cutoff voltage	12.6 V		
	Idle current (mA)	<0.4	<0.5	
	Lifetime	>1000 cycles		
	Certification	UL/BIS / IEC-62133		
MOTION SENSOR	PIR detection range (meter)	12@5	14@6	
CASING	IP	65		
LENS	FWHM angle	108×48 degree		
	Power consumption	1.6 watt		
	Lens Type	Fish eye lens		
	High definition	3MP(1536 x 1536)		
	Network interface	Wi-Fi 802.11 b/g/n		

CCTV CAMERA	Storage	Supports 128GB micro TF card
	Minimal illumination	0.1 Lux ,0.0 lux at IR
	Operating temperature	-10°C to +50°C
	Day/Night	Auto
	Storage backup	32GB for 10 days(24 x 7) in Fluency mode.
	Video resolution(HD,SD)	1080p

MECHANICAL SPECIFICATIONS FOR POLE

MODEL	LI4++	LI6++
INSIDE DIA (Light)	54mm	63mm
POLE DIA (Bend Pipe)	48mm / 1 ¾"	60mm / 2"

PACKING MATERIAL SPECIFICATIONS

MASTER CARTON

MODEL	QUANTITY (Units)	BOX DIMENSIONS (cm)
LI 4++ Solar panel (30 W)	5	59×21×70
LI 6++ Solar panel (40 W)	5	62×26×33