

Solar LED light

Application

- Villas, private houses and gardens
- Residential roads
- Car parking
- Shopping streets and public parks
- Small public places
- Country and local roads

Competitive advantages

- Hybrid-Solar LED Light powered by solar panel, battery and grid connected
- Brand of LED chip: Philips
- Luminous efficiency for luminaire: 160 lm/W
- Safety of solar battery: Grade A Lithium iron phosphate
- Lifespan of solar battery: 8 years
- Solar controller: Intelligent management battery electricity
- HD camera 960p / remote monitoring

General performance

- Solar panel: Mono-crystalline silicon
- Dimming: PIR sensor intelligent control
- Beam angle: 120°
- IP protection: IP65
- Operating system: IOS, Android
- High definition video: 960 P
- TF card capacity: 16 GB

Warranty and Certificates



Technical parameters

SEL901H-10W

Power	10 W
Input voltage	Powered by solar energy and grid
Brand of LED chip	Philips
Luminous efficiency for LED chip	200 lm/W
Total luminous flux	1600 lm
Luminous efficiency for luminaire	160 lm/W
Beam angle	120°
Correlated color temperature	3000 K / 4000 K / 5000 K / 5700 K / 6000 K / 6500 K
Color rendering index	75 Ra
Life span of LED chip	≥ 100000 hrs
Type of solar battery	Lithium iron phosphate
Capacity of battery	12.8 V 6 Ah
Lifespan of battery	≥ 3000 cycles
Charging time	6 hrs
PIR sensor	Yes
Dimming of brightness of luminaire	20% (PIR not activated) / 100% (PIR activated)
Monocrystalline silicon solar panel	18 V 10 Wp
HD camera	960 P
TF card	16 GB
Camera operation time	24 hrs
Stored days of data	≥15 days
Angle of camera lens	120°
Video format	AVI
Communication mode	WiFi / Internet / GPRS / CDMA
Monitoring mode	Remote online monitor / AP mode
Operating control mode	APP of mobile phone / computer
Operating system of mobile	IOS system / Android system
Material of shell	Powder coated galvanized steel
Material of cover for LED	PC
Working time per day	11 hrs
Average effective sunshine time	4 hrs/day
Continuous rainy days	/
Working temperature	-20~+55 °C
IP protection	IP65
Dimensions	430*256*80 mm
Weight	4.2 kg
Installation	ø40 steel tube / standing rod mounting (ø40) / wall installation
Recommended mounting height	3-5 m