

Integrated Solar Street Light Camera & Wi-Fi



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Product Advantage

Solar Streetlight with security camera

Efficient 24/7 security monitoring : PIR + AI human detection

Independent power & low operating costs : Solar + LiFePO4 battery

Remote monitoring : 30-day cloud recording via SIM (subscription required)



Model:DC-LC-2505408

- LED

Charging time : 5hours,

Discharge time : 3rainy days

- Camera

PIR* & Intelligent Humanoid Detection

*Passive Intrared Ray

Memory interface : MicroSD card(Max128G)

24/7 recording for 30days by cloud subscription

Remote monitoring via SIM card

Pan-tilt rotation angle : horizontal355,vertical90

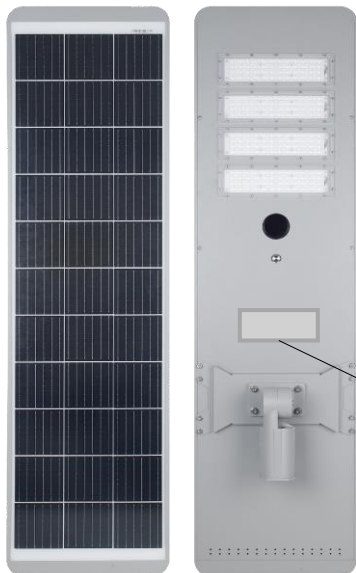
Resolution ratio : 1920*1080 (2Kequivalent)

Smart solar streetlight with Wi-Fi hotspot

Stay connected when disasters strike and power fails

Deploying public Wi-Fi improves community services

Expanding public Wi-Fi enhances tourism appeal



Model:DC-LW-2505408

- LED and Camera specs: same as above

- Wi-Fi

Standard : WiFi6

Install distance : 30m

Number of wireless connections : 10devices

Intranet : SIM card not necessary

Internet : SIM card (Mobile router) required



Wifi device installed in a street light

Solar streetlight with security Camera and Wi-Fi

Boost public safety and drive DX - simultaneously

Maintain connectivity and monitoring during outages

Unified surveillance & Connectivity cuts deployment costs



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Common specs across all models

- IP/IK Grade : IP65 /IK08
- Pole length : 6-8m
- Size : L1135*410*50mm
- Weight : 15kg
- Warranty : 3years
- Certification : CE/RoHS/IS9001
- Working temperature : -20°C ~ 60°C

Specification

Security Camera Specification		
Product parameter	model	P12
	APP	V380 PRO
	Day-night switching mode	Auto/Color/Black & White
	PIR range	10 meters distance, 120 degrees
	video recording	Quick Start,
	memory interface	Micro SD Card (maximum 128G)
	Pan-tilt rotation angle	H (horizontal) 355; V (vertical) 90
	Custom alarm voice	support
Picture	video coding	25 frames per second
	minimum illumination	Color: 0.1 Lux
		Black/white: 0.01 Lux
	OSD	Date & Name & Power Display
	white balance	automatic
	resolution ratio	1920*1080
	Mirror/flip	support
Audio frequency	Audio format	Audio coding AAC 16k fixed rate 32-bit sampling rate 16000Hz
	3D Digital noise reduction	automatic
	audio frequency	Support microphone and speaker, two-way voice intercom
Network	SIM	Support 4G Quan netcom (mobile Unicom telecom) SIM card, Bring yout own Nano SIM card slot
	Cloud strage	24/7 recording for 30days （Subscription）
AI	Humanoid detection	Human tracking, human detection, filtering invalid event alarm
	Area detection	Customize the monitoring area,
		and only monitor the area that users care about.
	Acousto-optic alarm	support
Button	button	The monitoring toggles the power-on button,
		the street lamp button and the monitoring reset button.
	Monitor reset button	Long press to restore factory settings.
IP/IK Grade	operating voltage	12V
Warranty	colour temperature	6000Kelvin（Cool White）

Solar Light Specification

Solar panel	Power	18V 80W	
	Brand	High efficiency monocrystalline silicon	
	Life time	10 Years	
Battery	Type	LiFePO4	
	Life Time	5 Years	
	Capacity	Camera	12.8V 30AH
		WiFi	12.8V 60AH
Camera&WiFi		12.8V 60AH	
Led source	Power	100W	
	Lumen(LM/W)	200lm/W	
	LED Chip	Philips SMD 5050 96cs	
	Beam angle	70°+140°	
	Life time	100,000 Hours	
	CCT(optional)	3000K-3500k; 4000K-4500k; 6000k-6500k	
Charge time	MPPT charge	5Hours effective sunshine	
Discharge time	Full power mode	2 days rainy and cloudy day	
	Saving power mode	3-5 rainy days 1H100% 3H70% 4H50% 4H30%	
Package & Weight	Lamp size(MM)	L1135*410*50MM	
	Package size(CM)	L126.5*46.5*10.5CM	
	N.W/G.W(KG)	15KG/16KG	
Install height	6-8m		
Install distance	25-30m		
Working temp	-20℃~60℃		
Material	Aluminum + PC		
IP/IK Grade	IP65 / IK08		
Control system	Light sensor+Moving sensor+Time Control		
Warranty	3Years		
Certifications	RoHS / CE / ISO-9001		
Pole length	6-8m		
Diameter	Top 70mm / Bottom 100mm		
Material	Aluminum alloy		

Solar WiFi Specification



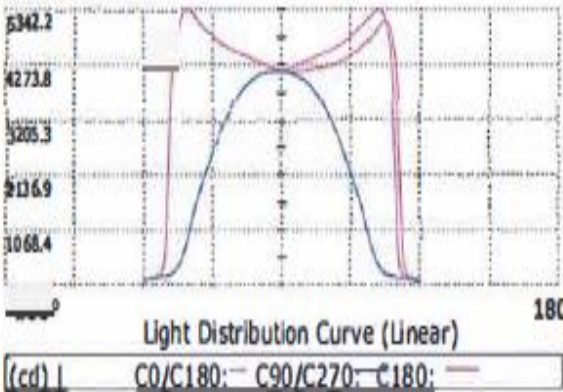
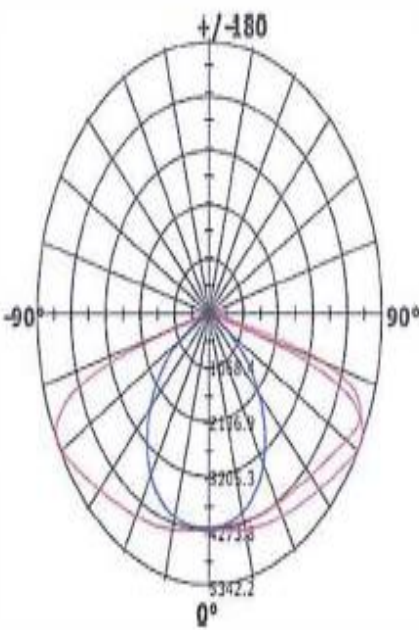
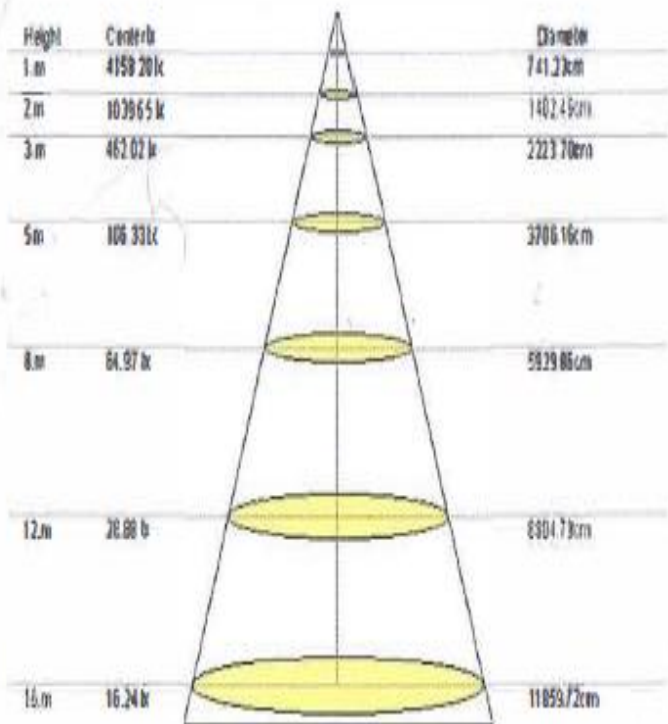
Standard : WiFi6 (IEEE802.11a/n/ac/ax)

Size : 77*84*23mm

Number of wireless connections : 10 devices

Theoretical connection capacity : 256 devices

Optical Feature



Camera Image 6m



