

A modern streetlight with a solar panel and a WiFi camera mounted on it, set against a sunset background. The streetlight is silver and has a long, rectangular solar panel on top. A black camera is mounted on the side of the solar panel. The background shows a sunset over a road with mountains in the distance.

STREETLIGHT WIFI CAMERA

Kens.co
Kawaguchi Energy Natural Solution Company

CONTENT

**01 PART ONE
PRODUCT ADVANTAGE**

**02 PART TWO
SPECIFICATIONS**

**03 PART THREE
PRODUCT DETAIL**

**04 PART FOUR
OPTICAL FEATURE**

**05 PART FIVE
WORKING MODE**



PRODUCT ADVANTAGE

TR

Quadrangle arc, connecting the size layout of all single crystal silicon wafers, flexible and versatile.

MAINSTREAM INTEGRATED STRUCTURE DESIGN

Saving transportation cost, 360-degree horizontal viewing angle as well as 150-degree vertical viewing angle.

Easy to install and convenient for maintenance.

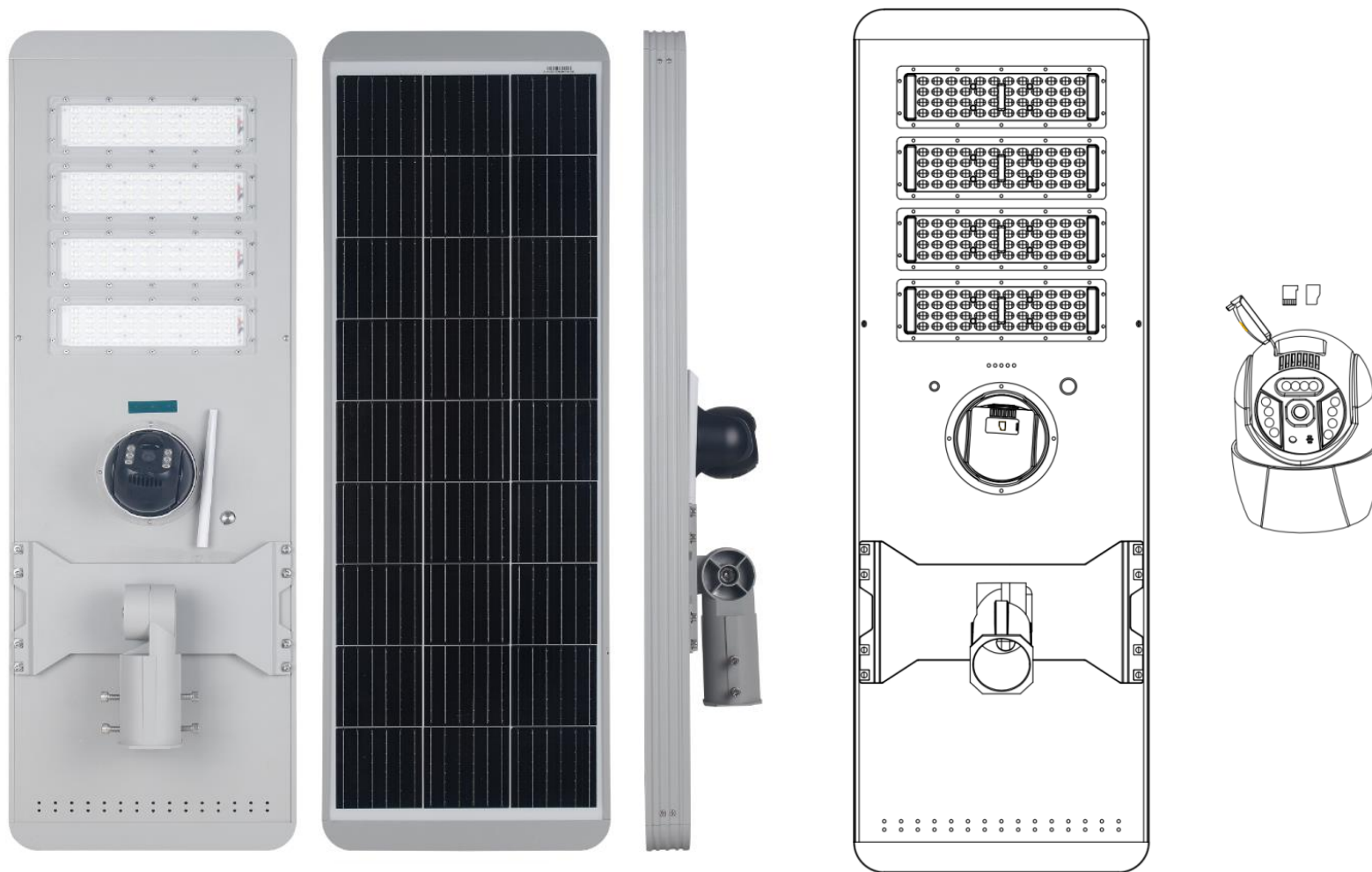
DIE-CAST ALUMINUM BRACKET

High mechanical strength anti-eind resistance of Level-16.



PART THREE

PRODUCT DETAILS



SIZE :L1135*410*50MM

BASE SPEC

Item	Specification		
Camera + Wifi			
DC-LCW-2505408 	Solar panel	Power	18V 80W
		Brand	High efficiency monocrystalline silicon
		Life time	10 Years
	Battery	Type	LiFePO4
		Life Time	5 Years
		Capacity	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	8-10m	
	Install distance	20-25-m	
	Working temp	-20℃~60℃	
	Material	Aluminum	
	Control system	Light sensor+Moving sensor+Time Control	
	Warranty	3 Years	
	Certifications	RoHS / CE / ISO-9001	

SPECIFICATION

SOLAR CAMERA 4G	
Product parameter	
Model	P12
APP	V380 PRO
Day-night switching mode	Auto/Color/Black & White
PIR range	10 meters distance, 120 degrees
memory interface	Micro SD Card (maximum 128G)
Pan-tilt rotation angle	H (horizontal) 355; V (vertical) 90
Custom alarm voice	support
Picture	
Pixel	True 3 million resolution
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

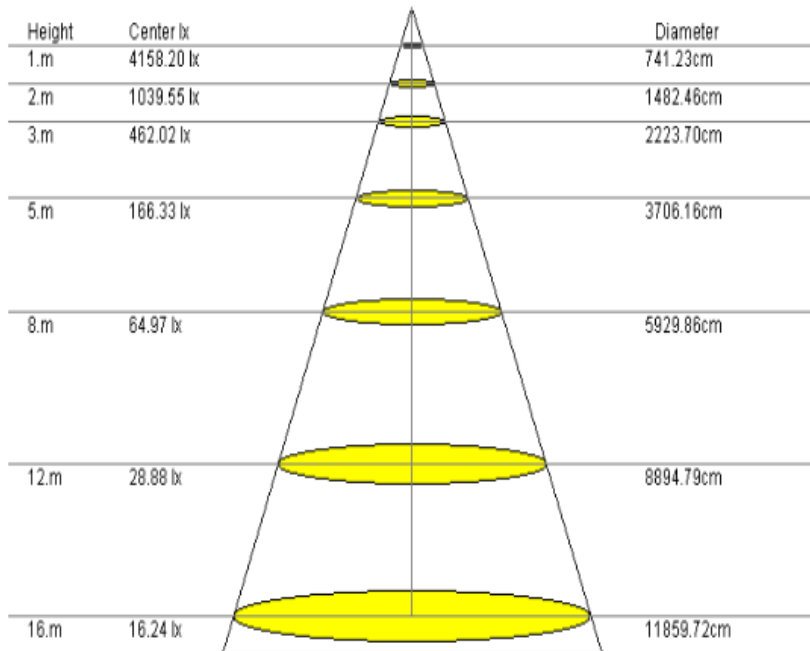
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SPECIFICATION

SOLAR CAMERA 4G	
Network	
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 streetlamp button and the monitoring reset button.
Monitor reset button	Long press to restore factory settings.
Solar light source panel parameters	
operating voltage	12V
Maximum working current	1A
colour temperature	6000K
Number of lamp beads	12particle
Monitor sleep current	80mA
Working temperature	-20°C ~ 60°C

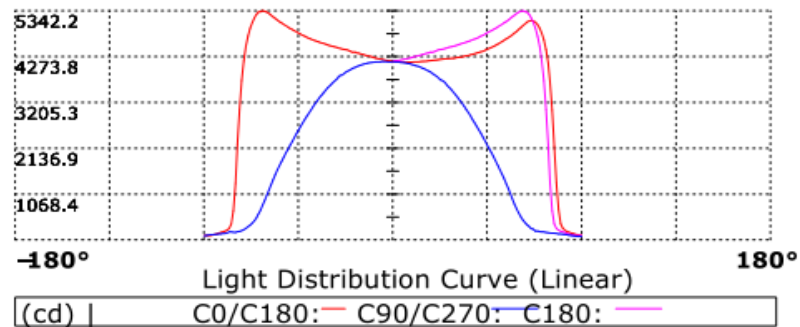
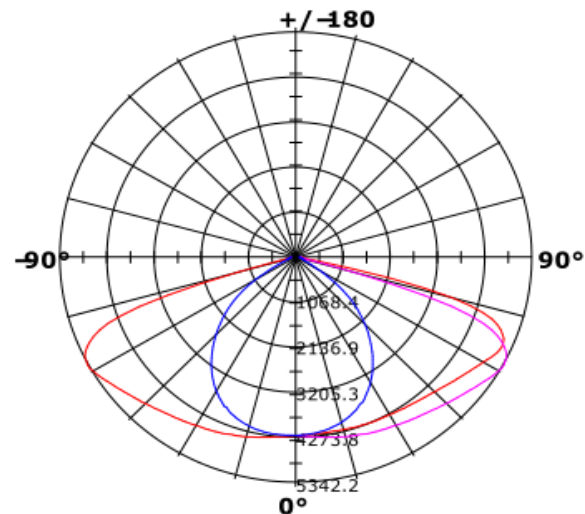
OPTICAL FEATURE

Lux-Distance Curve



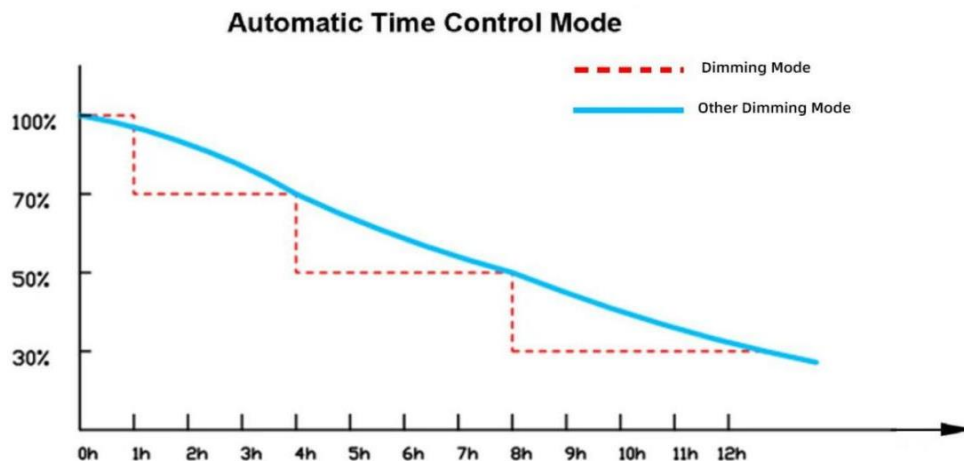
Beam Angle:149.80°(50%Imax)

Light Distribution Curve



WORKING MODE

SMART LIGHTING MODE



Automatic charging during the day, automatic lighting at night, alternating day and night

- 1 hour 100% brightness;
- 2-4 hours 70% brightness
- 4-8 hours 50% brightness;
- 8-12 hours 30% brightness

Color	Status	Description	Controller System Status
Blue	Steady on	Load is turned on	Discharging
	Single flash	Battery works properly, in standby mode	Idle
	Slow flash	In charging	Charging
	Double flash	Lithium battery is fully charged	Fully charged
	Quick flash	Lithium battery bms overcharge protection	E-BMS
Color	Status	Description	Controller System Status
Red	Slow flash	Load is open circuited	Open circuit
		Load is short circuited	Short circuit
		PV overvoltage	PV panel overvoltage
		BAT overvoltage	Battery overvoltage
		Over temperature	Over temperature
	Single flash (One flash per 10 seconds)	Over discharge, sleep	/

WI-FI DEVICE

Wi-fi Standard	Wi-Fi 6
Indoor. Outdoor compatible :	Indoor use small portion (cell phone option)
Estimated Guide	100m Grid
Power Supply	Li-ion battery•AC100V 50/60Hz (Type-C)
Operating Time	6 Hours to 10 Hours ※1
MIMO (Antenna)	2x2 ※2 802.11b/g/n: 2.412 ~ 2.472 GHz 1~13ch
Transmission Speed (Theoretical Value)	802.11b: 11Mbps 802.11g: 54 Mbps 802.11a: 54 Mbps 802.11n: 216.7Mbps(20MHz), 450Mbps(40MHz) 802.11ac: 288.9Mbps(20MHz), 500Mbps(40MHz) 802.11ax(2.4GHz) : 288.9Mbps(20MHz), 573.5Mbps(40MHz) 802.11ax(5GHz) : 288.9Mbps(20MHz), 600Mbps(40MHz), 1.201Gbps(80MHz)
Frequency Range(Channel)	802.11a/n/ac/ax: 5.15 ~ 5.850 GHz W56: 100~140ch W53: 52~64ch W52: 36~48ch
Approx no of connection (Theoretical Value)	256 units ※ 3
Size (mm)	Main Unit : W77.6mm×H23.1mm×D83.6 mm Main Unit + Battery Unit : W77.6mm×H54.4mm×D111.0mm
Weight	Main Unit : 115g、 Main unit + Battery : 410g
Warranty Period	Manufacturer`s warranty 1 year
Accessories	AC Adaptor、 Operating instructions、 Warranty

MODEL

