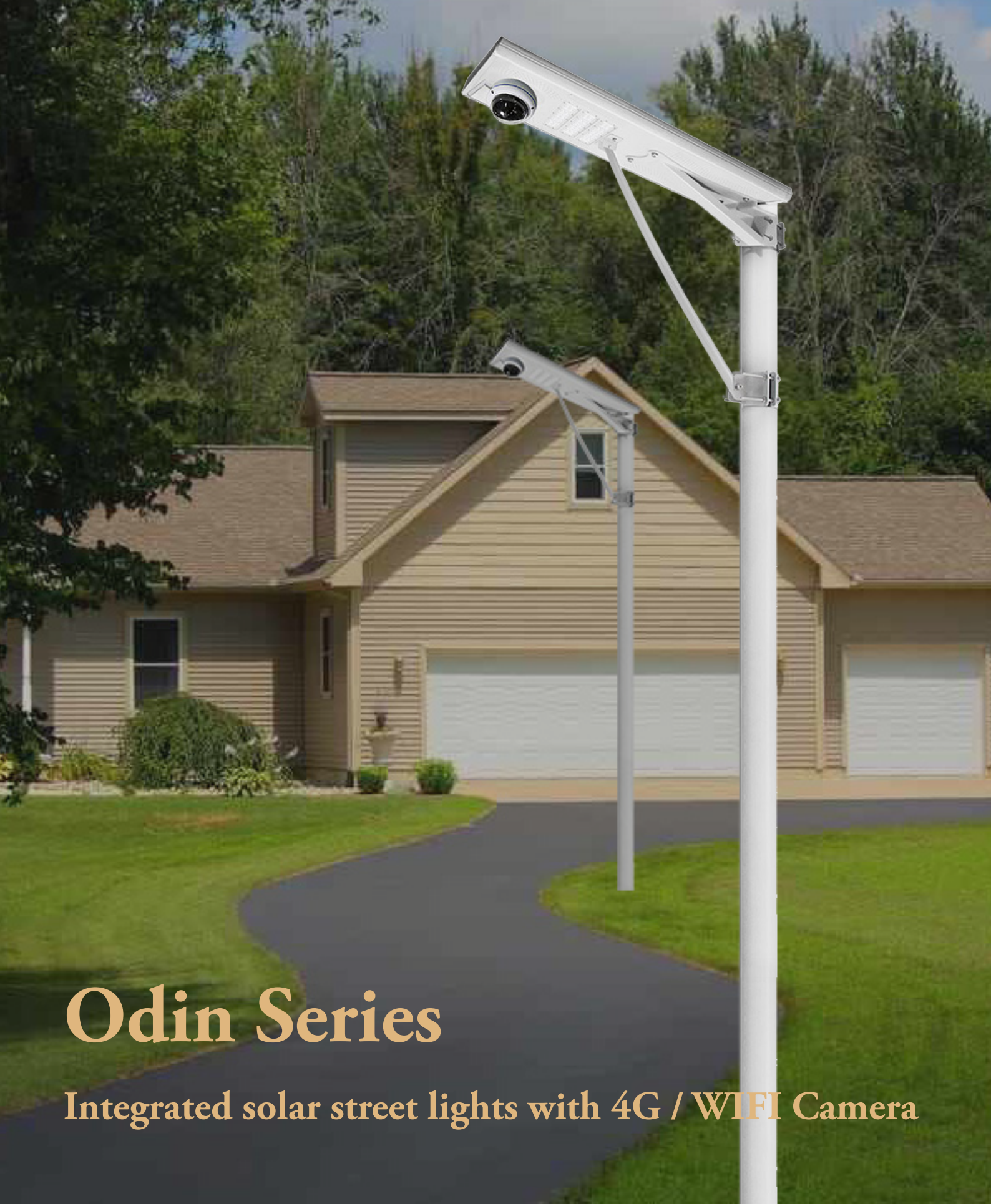




Odin Series

Integrated solar street lights with 4G / WIFI Camera

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LED & Optical

Output Range:	4,800-19,200lm
Photometric Options:	60°X120°
System Efficacy:	160LPW
CCT:	2700K-6500K

Solar Panel

Type:	Mono Crystalline
Capacity:	30W~120W

Warranty

Standard:	3 years
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Operation Mode

Working Mode : Light control and Time control.
Working Time : 10-12 hours per day,sustain 3-5 rainy days.
Charging Time : 6-7 hours (with enough strong shine).

Construction & Finishing

Housing:	Aluminum
Lens:	PC Lens
Paint:	Corrosion resistant powder coated paint

Ratings

IP Rated:	IP65
Working Temperature:	-20°C~70°C

Charge Controller

PWM Charging:	Yes
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Compliance Standards

Fixtures:	CE、 ROHS
Battery:	IEC 62619
Solar Panel:	IEC 61215

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Camera Parameters	
Image Sensor:	1/2.8" Progressive Scan CMOS Image Sensor
Resolution:	2MP/1080P
Effective Pixels:	1920(H)×1080(V)
Compression:	H.265/H.264
TV System:	PAL/NTSC
Electronic Shutter Time:	PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec
S/N Ratio:	≥52dB
Scanning System:	Progressive
Lens	
Focus Length:	Default shipment 3.6mm, Optional 2.8mm/6mm
Focus Control:	Fixed
Lens Type:	Fixed
Night Vision	
Infrared:	LED 30PCS
Infrared Distance:	10~25m Max
IR StatusSupport :	Smart IR
Auto Control IR LED:	PWM
Network	
Ethernet:	1 RJ45 10M/100M self-adaptive Ethernet port
WIFI:	Support 2.4GHz WIFI (802.11b/g/n)
4G:	Support 4G transmission
On-Board Storage:	Support, 128G TF card Max
Protocol:	HTTP,FTP,DHCP,RTSP,NTP,ONVIF,RTMP,P2P
ONVIF:	Support
P2P:	Support
Audio:	Optional, Audio input/Audio output
Main Stream:	50Hz: 1080P@25fps; 60Hz: 1080P@25fps
Sub Stream:	50Hz: D1@25fps; 60Hz: D1@25fps
IE Brower :	IE, Chrome, Firefox, Safari
Smart Phone:	iPhone, iPad, Android, Android Pad
Camera Features	
Day/Night:	Color/ B&W (IR-CUT)
White Balance:	AUTO / MANUAL
Gain Control:	Support
OSD Support:	Support
Picture Adjustment:	Support
Noise Reduction:	3D NR
General	
Power consumption:	≤6W
Power Source:	DC12V±10%
Protection:	Ingression protection: IP66
Operation Temperature:	-10 °C to 60 °C Humidity 95% or less (non-condensing)



1612-1615, Block A, Building 5, Huaqiang Creative Industry Park,
Guangming District, Shenzhen, China.

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PARAMETERS

Item number	Solar Panel	LED	Fixture Wattage	Mounting Height	Mounting Distance	Lumens (lm)	LiFePo4 Battery	CTN Dimension L*W*H (mm)	Spigot (Φ mm)
AL-Odin 30	18V 50W	3030	30W	5-6m	20-25m	4,800	12.8V 21AH	930*345*200	60-80
AL-Odin 40	18V 50W	3030	40W	5-6m	20-25m	6,400	12.8V 24AH	930*345*200	60-80
AL-Odin 50	18V 70W	3030	50W	6-7m	25-30m	8,000	12.8V 33AH	1180*345*200	60-80
AL-Odin 60	18V 70W	3030	60W	7-8m	25-30m	9,600	12.8V 36AH	1180*345*200	60-80
AL-Odin 80	18V 100W	3030	80W	7-8m	25-30m	12,800	12.8V 48AH	1180*470*200	60-80
AL-Odin 100	18V 130W	3030	100W	8-10m	30-35m	16,000	12.8V 60AH	Lamp: 1520*470*200 Sleeve: 710*310*310	60-80
AL-Odin 120	18V 130W	3030	120W	8-10m	30-35m	19,200	12.8V 66AH	Lamp: 1520*470*200 Sleeve: 710*310*310	60-80



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Dimension

