

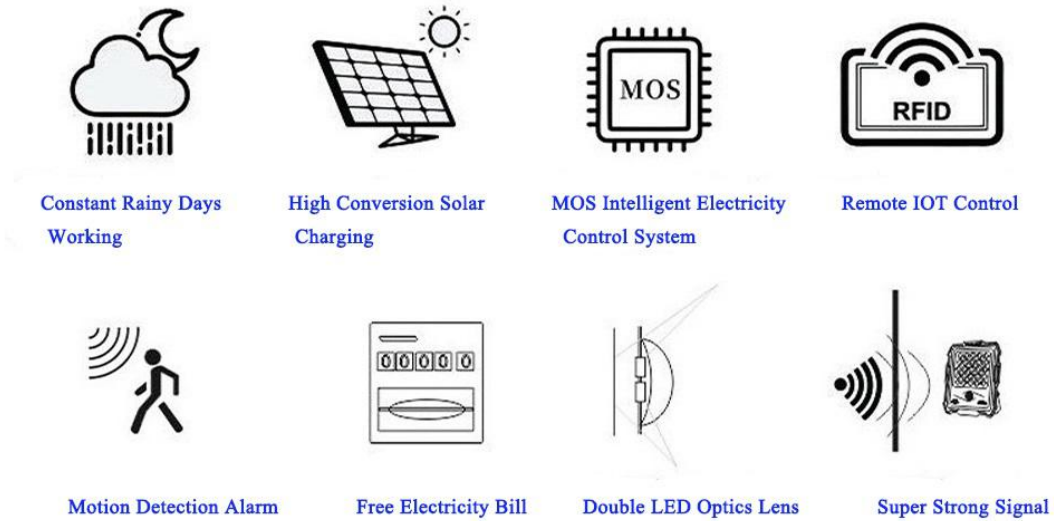
## CCTV Solar Flood Light AIO-F Datasheet



### Specification Table

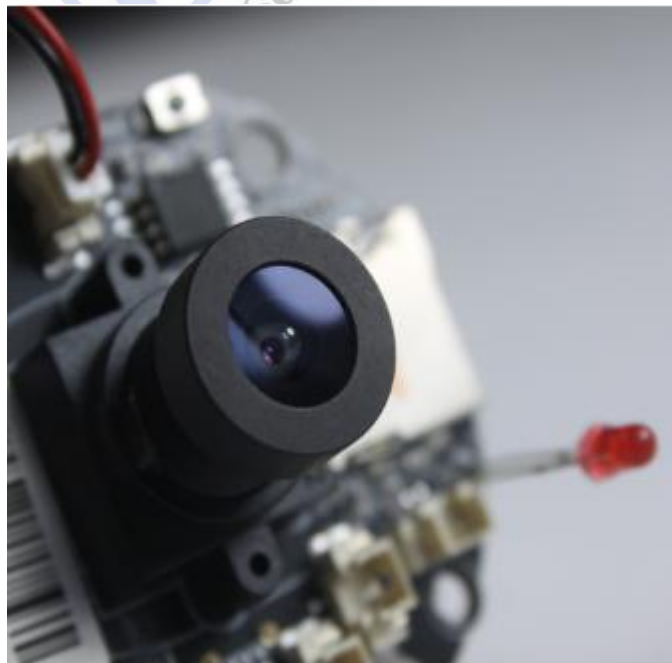
TYPE	AIO-F 100H	AIO-F 200H	AIO-F 300H	AIO-F 400H
PV module	20Wp	28Wp	35Wp	40Wp
Rated Wattage	100w	200w	300w	400w
LED Chips	82	144	236	324
LiFePo4 Battery	3.2V/12AH	3.2V/24AH	3.2V/30AH	3.2V/42AH
Charging Time	6-8 H			
Color	Black			
Material	Aluminum Housing			
Rated Life (hrs)	50000			
Working mode	Time Control + Rador Sensor			
Lamp Size(mm)	217*179*45	258*213*45	312*270*50	365*295*50
Package Size(cm)	37.5*65*38	52.5*49*38	60.5*41*38	66*33*38
Operating Temperature(°C)	-20°C~65°C			
Warranty	2 years			

## Technical Advantage



### I. Camera Advantage

- Integrated with lighting/intelligent monitor system;
- 1080p Day-Night colorful wide angle lens Safeguard your house;
- Infrared upgraded LED colorful screen quality at night;
- WIFI 2.4G internet.

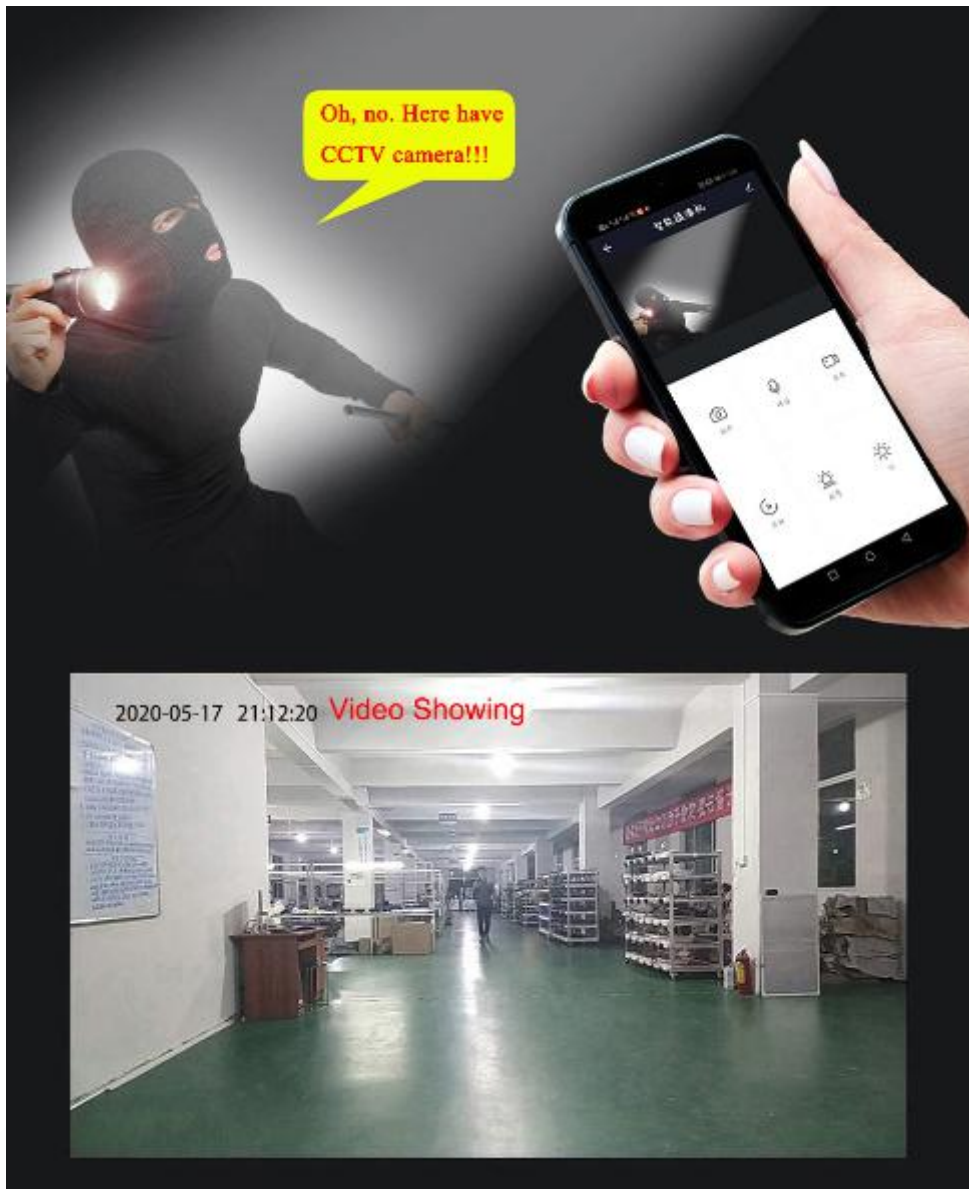


## Technical Table

Model	AIO-F 100H - 400H	Housing	Aluminum Alloy
Lens sensor	CMOS	Light source	High lumen dual LED
Optic lens	F1.4 2.8-12mm	Lens	Imported polycarbonate high transparent PC material,
Device control	APP intelligent control system	Electricity control system	Customized intelligent electricity management system
White balance	Auto	Color temperature	6500k-7500k
Digital noise reduction	DNR-3DNR	Waterproof grade	IP67 Imported food grade silicon housing seal
Pictures Resolution	1920*1080p 18FPS	Structure	Dis-assembly type waterproof design
Motion detection	Radar Four district motion detection monitor	Battery	New LiFePo4 battery
Internet support	WIFI+Motion heat signal enhanced version 2.4G frequency	Solar panel	High conversion poly silicon
Night version function	LED assistance lighting day-night full colorful recording	Installation method	On pole/wall/ceiling
Video compress	MPEG/H.265 high resolution decoding	SD card	Max support 128G TF card

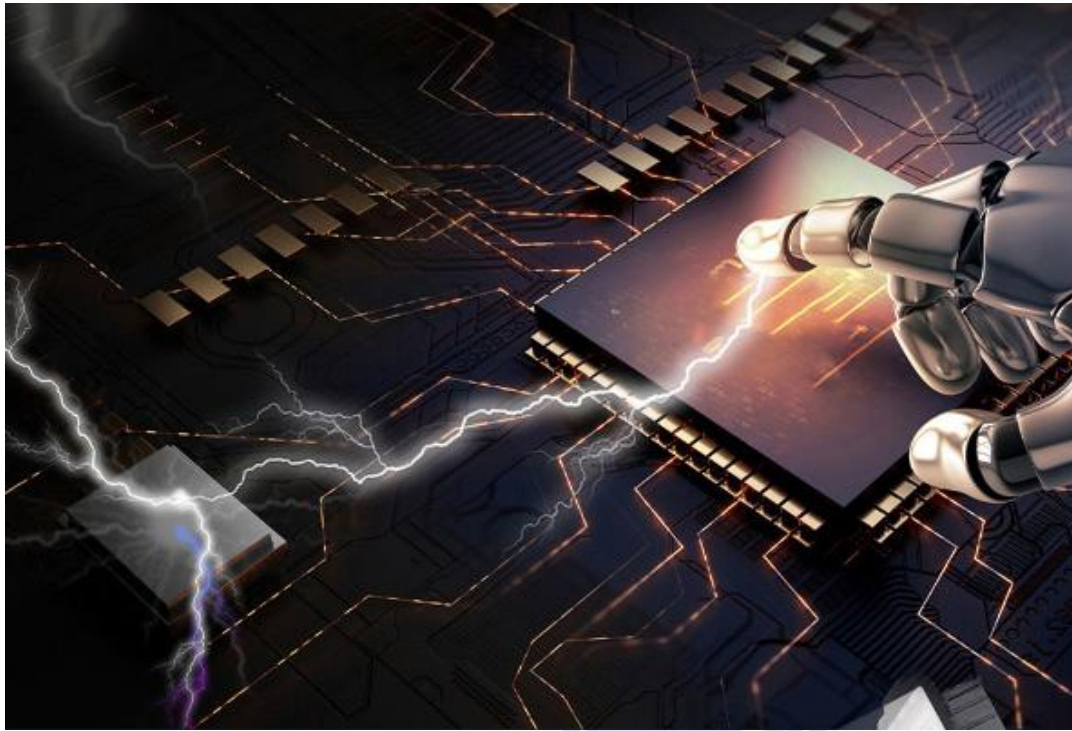
## II. App Online Monitor System

- Achieve multi-user real time watching online mobile APP multi-user online network management; Support 136 languages setting globally;
- Watch the camera , record / replay the video, take pictures, turn on/off the light, or even alarm function walkietalkie to the stranger through the lamps.

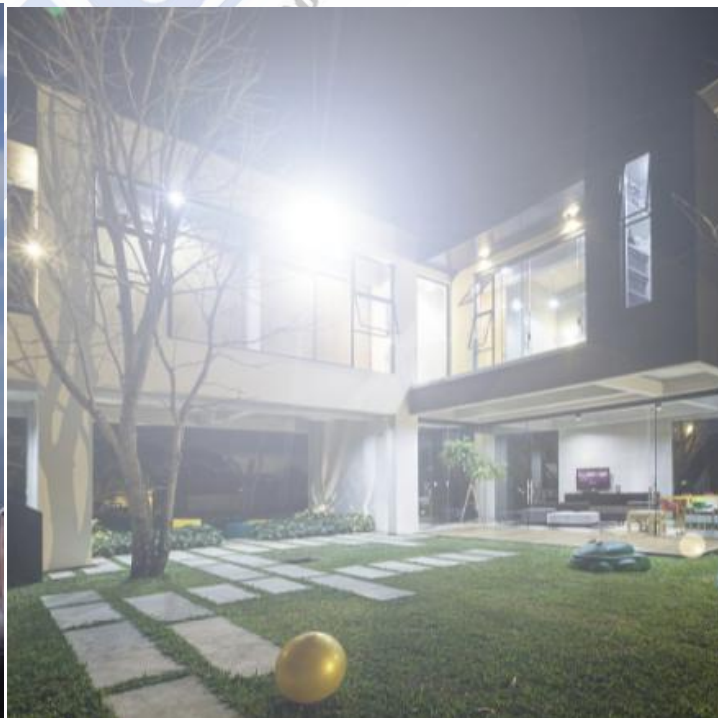


### III. Customized Intelligent Electricity Management System

- Charging efficiency increased by 20%, full power consumption decrease by 50%;
- Top technology support, daytime auto charging detection, night time intelligent power distribute;
- Super low consumption, 365days working throughout the year;
- Optional auto event recording/Constant recording (suggest to use event recording to prolong recording time).



## Lighting Result



## Package



**AIO SOLAR**  
AIO Solar Technology Co., Ltd