



# YIRAY TECH



## YIRAY 360

### Solar Street Light

60w • 80w • 100w



Yiray Tech

Level 1, 33 - 39 Centreway,

Mt Waverley, VIC 3149

+61 3 9802 8500








[www.yiraytech.com](http://www.yiraytech.com)

The Yiray 360 has been designed to create smarter and safer cities with the ability to monitor movement intelligently via GPS and WIFI. This all-in-one Solar Light features a 1 million pixel camera, motion sensor and 355 degree rotation with 100% Zoom. With an on-board 32GB memory storage card and WIFI Technology, you are able to connect directly with what's going on, anywhere, anytime.

(provided WIFI networking is available)

This integrated Solar Light and Camera provides hours of uninterrupted illumination, and a life span of 100,000 hours. Constructed from die-cast aluminium, these solar lights and camera will withstand extreme climate changes without cracking or peeling.



-  Motion Sensor
-  Phone app control & view
-  Night vision
-  WIFI Connect (4G)
-  Built in 32G Memory Card
-  IP66 Waterproof
-  Cloud Service



# Specifications



Available Models:

YIRAY 360 -60W

YIRAY 360 -80W

YIRAY 360 -100W

White/Grey/Black

Model	Yiray 360-60W	Yiray 360-80W	Yiray 360-100W
Solar Panel	18V60W	18V85W	18V100W
Life Span	25 years	25 years	25 years

Photometric Data			
Lumen	6000	8800	12,000
Working Temperature	-20~60°C	-20~60°C	-20~60°C
CRI	>70	>70	>70
Colour Temperature	6000k-7000k	6000k-7000k	6000k-7000k
Beam Angle	IESNA TYPE II	IESNA TYPE II	IESNA TYPE II
Depreciation Factor	L70>100,000h	L70>50,000h	L70>50,000h

Battery Specification			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Capacity	550Wh	680Wh	810Wh
Charging Time	6-7 hours	6-7 hours	6-7 hours
Discharging time	10-12 hours (3 days backup)	10-12 hours (3 days backup)	10-12 hours (3 days backup)
Life Span	8 years	8 years	8 years

Light Structure			
Body Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Net Weight	18kg	21kg	24kg
Protection Grade	IP66	IP66	IP66
Impact protection rating	IK08	IK08	IK08
Pole Height	5-7m	7-9m	9-10m
Space between lights	15-20m	20-25m	25-30m

# Specifications



Night Vision Camera available for the following models:

YIRAY 360 -60W

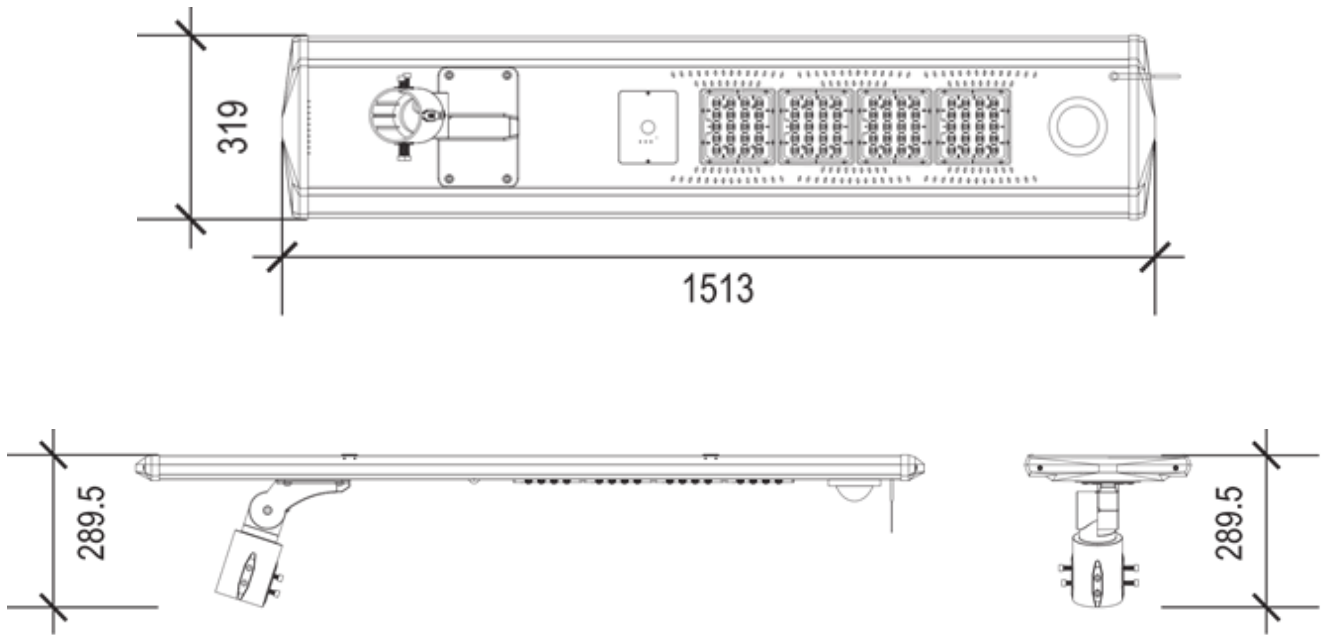
YIRAY 360 -85W

YIRAY 360 -100W

Camera Specification	
Image Sensor	1/3" Sensor
Effective Pixel	1920(H) x 1080(V)
Video Compression	H.264/MJPEG
Electronic Shutter	1/25s~1/50,000s, 1/30s~1/60,000s
TV Colour Standards	PAL/NTSC/Progressive
Video Frame Rate	25fs/30fs@1080P
Min. Illumination	0.01Lux@F1.2(AGC ON), 0Lux IR on
IR Led	Nano-tech IR Led: 18pcs, IR Range: 30m
Pan Range	0°~355° horizontal
Pan Speed	30°/s
Tilt Range	0°~90° vertical
Tilt Speed	20°/s
Preset position	128 presets
Focal Length	2.8mm
Aperture	F1.2
Network Protocol	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, PPPOE, SMTP, NTP, UPNP
Interface Protocol	ONVIF/Hikvision/XM/jovision personal protocol
Browser	Support IE7, IE8, IE9, Chrome 8+, Firefox 3.5+, Safaris +
Ingress Protection	IP66
Power Supply	DC12V±10%
Working Environment	-10°C" to +50°C/Less than 95%RH (no condensation)
Protection Grade	TVS3000V lightning protection/voltage transient protection
Net Weight	450g

# YIRAY 360 Dimension

---



Level 1, 33 - 39 Centreway,

Mt Waverley, VIC 3149

+61 3 9802 8500

info@yiraytech.com

[www.yiraytech.com](http://www.yiraytech.com)