

Wireless Solar Crane Camera

APOLLO M1™



SCARLET | TECH

UPERIO
High perspectives



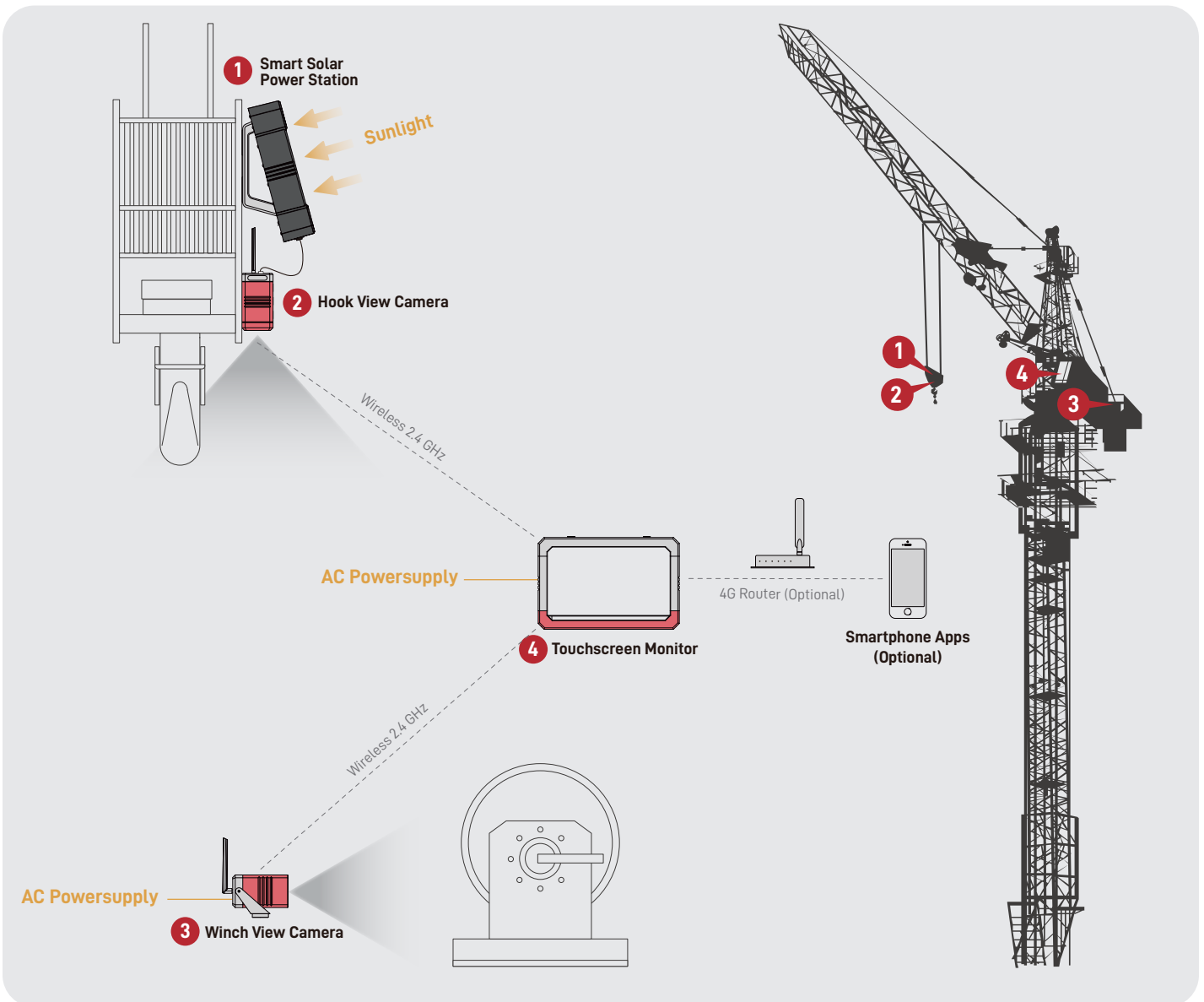
reddot winner 2020
industrial design

Live View

The Total Solution of Crane Operation Safety

- Wireless Long-Range Transmission
- User-Friendly Touchscreen Interface
- FullHD Audio-Video Live Feed & Recording
- 24hrs Consistent Power Supply for Non-Stop Operation
- 4G Smartphone App for Remote Live View
- Heavy-duty Magnets Ensure Simple & Secured Installation

How Apollo M1 Works

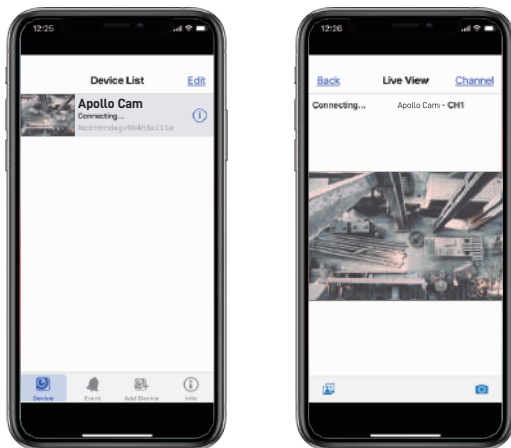


1 Smart Solar Power Station

Dual battery function of waveguide solar energy and Li-ion battery powers the camera for 24/7 non-stop operation. Continuous power supplies up to 30 hours without sunlight.

2 Hook View Camera

Wide-angle downward camera installed on the hook block gives an unobstructed/rigging details view



3 Winch View Camera

Wide-angle camera installed on the winch/sides of the crane gives full-range operational views.

4 Touchscreen Monitor

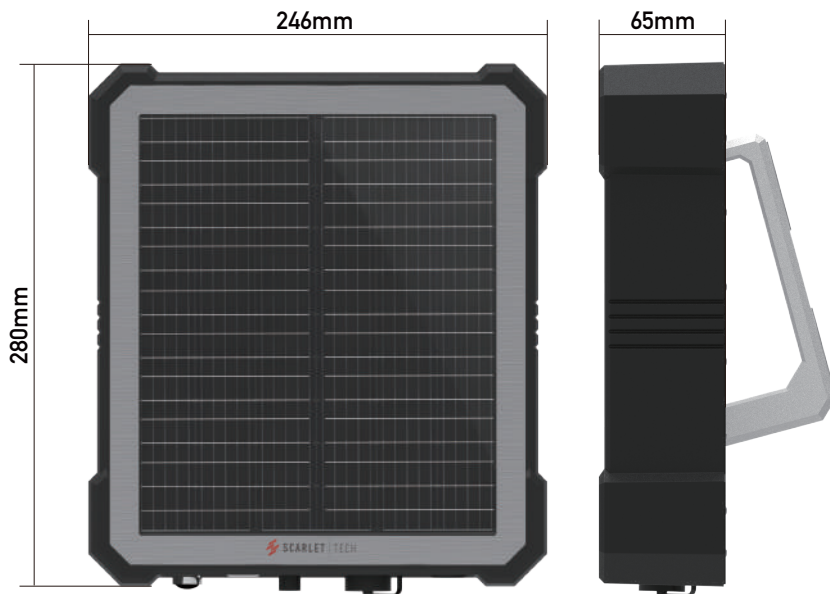
Monitor real-time video/audio streaming and automatic recordings from crane cabin. The user-friendly interface lets any crane operator know how to use the monitor quickly without feeling overwhelmed.

Apollo Cam Smartphone App

Watch Livestream on your smartphone/tablet anytime, anywhere.

(Remote Monitoring Requires Scarlet 4G Router, Sold Separately)

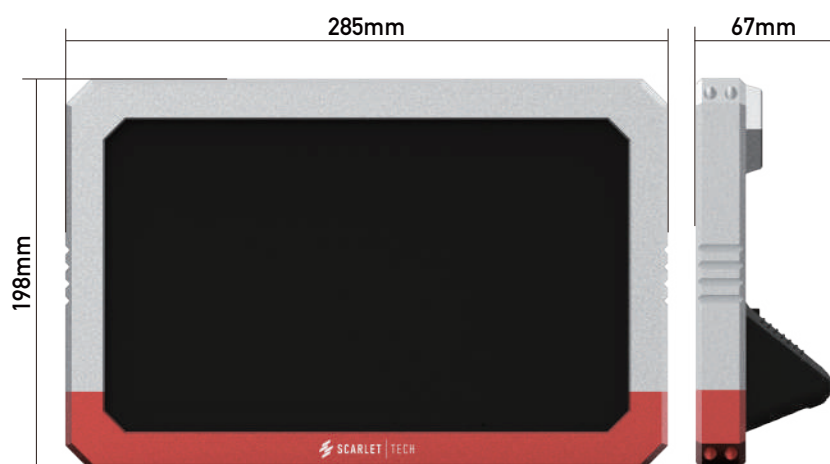
Technical Specification



Solar Smart Power Station

Dimension	280 x 246 x 65mm
Weight	4.8kg
Solar Module Type	Waveguide Panel with 21% Mono-Si Solar Cell
Max Power	7.8 Watt
Battery Type	Molicel 21700
Battery Volume	41000mAh
Battery Life	Up to 30hrs w/o charging
Waterproof	IP67
Installation	Mounting by Magnets
Operation Temp.	-20°C to 55°C

Subject to technical modification without notice.

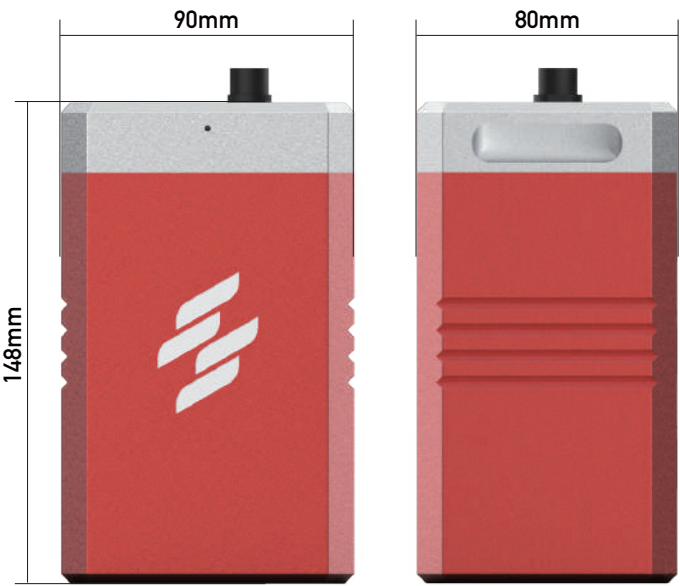


Touchscreen Monitor

Dimension	286 x 198 x 67mm
Weight	835g
Display	10.1" Touch Panel LCD
Brightness	600 lm (sunlight readable)
Video	HD (1280x720) (default) FHD (1920x1080)"
Waterproof	IP67
Wireless	2.4GHz
I/O Ports	Micro SD x1, USB 2.0 x1, RJ45 x1
Recording	Micro SD card or external HDD via USB port
Power	Power Adaptor
Operation Temp.	-20°C to 60°C

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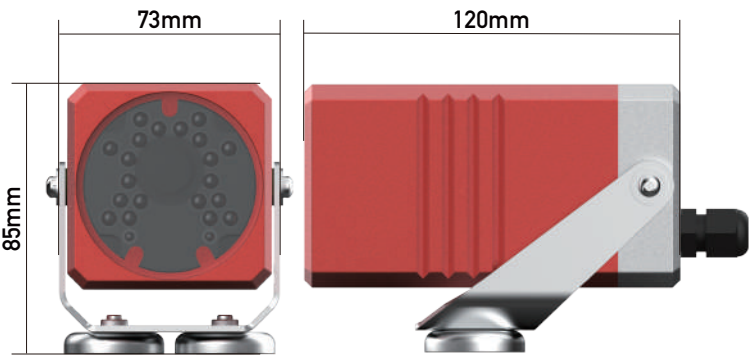
| Technical Specification



Hook View Camera

Dimension	148 x 90 x 80mm
Weight	990g
Video	Full HD (1920x1080)
Field of View	114°
Night Vision	IR LED x 20
Zoom	2x
Audio	One-way audio with built-in microphone
Waterproof	IP67
Wireless	2.4GHz
Power Supply	Smart Solar Power Station
Operation Temp.	-20°C to 55°C

Subject to technical modification without notice.



Winch View Camera

Dimension	115 x 73 x 85mm
Weight	450g
Video	Full HD (1920x1080)
Field of View	104°
Night Vision	IR LED x 20
Zoom	2x
Audio	One-way audio with built-in microphone
Waterproof	IP67
Wireless	2.4GHz
Power Supply	Power Adaptor
Operation Temp.	-20°C to 55°C

Subject to technical modification without notice.

Skyline Arcomet are pleased to announce the launch of the Apollo M1 hook-mounted camera system.

The Apollo M1 wireless camera system provides the ultimate safety assurance and enhances the efficiency of crane operations by optimising site awareness, eliminating blind spots and improving communication.

Integrating innovative solar technology with two high-definition wireless cameras The Apollo M1 system is a highly reliable, cost-effective safety solution for all crane types.

Wireless transmission delivers instant, wide-angle video and audio feed of the load and its surroundings directly to the Full-HD 10.1" widescreen monitor at ranges of up to 500m. The user-friendly touchscreen display supports up to 4 cameras in real-time, keeping everything in sight, with continuous recording for up to 30 days.

The high-efficiency, self-sustaining solar-powered battery pack powers the system for up to 7 days. Using smart energy management, the solar power station detects light intensity and automatically switches between the solar panel and li-ion battery power to keep the system available, on-demand, for continuous operation even without sunlight.

This robust, low maintenance system can be easily installed directly onto the hook block of all types of cranes using high-powered magnets.

With the optional 4G router you can live stream the video and audio feed directly from your iOS or Android device using the Apollo Cam Smartphone App, anytime, anywhere.

Skyline Arcomet is the exclusive UK distributor for the 2020 Red Dot Industrial Design award-winning Apollo M1 Camera and the full range of Scarlet Tech Wireless Anemometer products and crane-related safety equipment.

UPERIO
High perspectives

a leader in experience and innovation

SKYLINE & HIGHSPARKS

TOWER CRANES SALES | RENTAL | SERVICE | MAINTENANCE