

Wireless Solar Crane Camera

APOLLO M1™



SCARLET | TECH

UPERIO



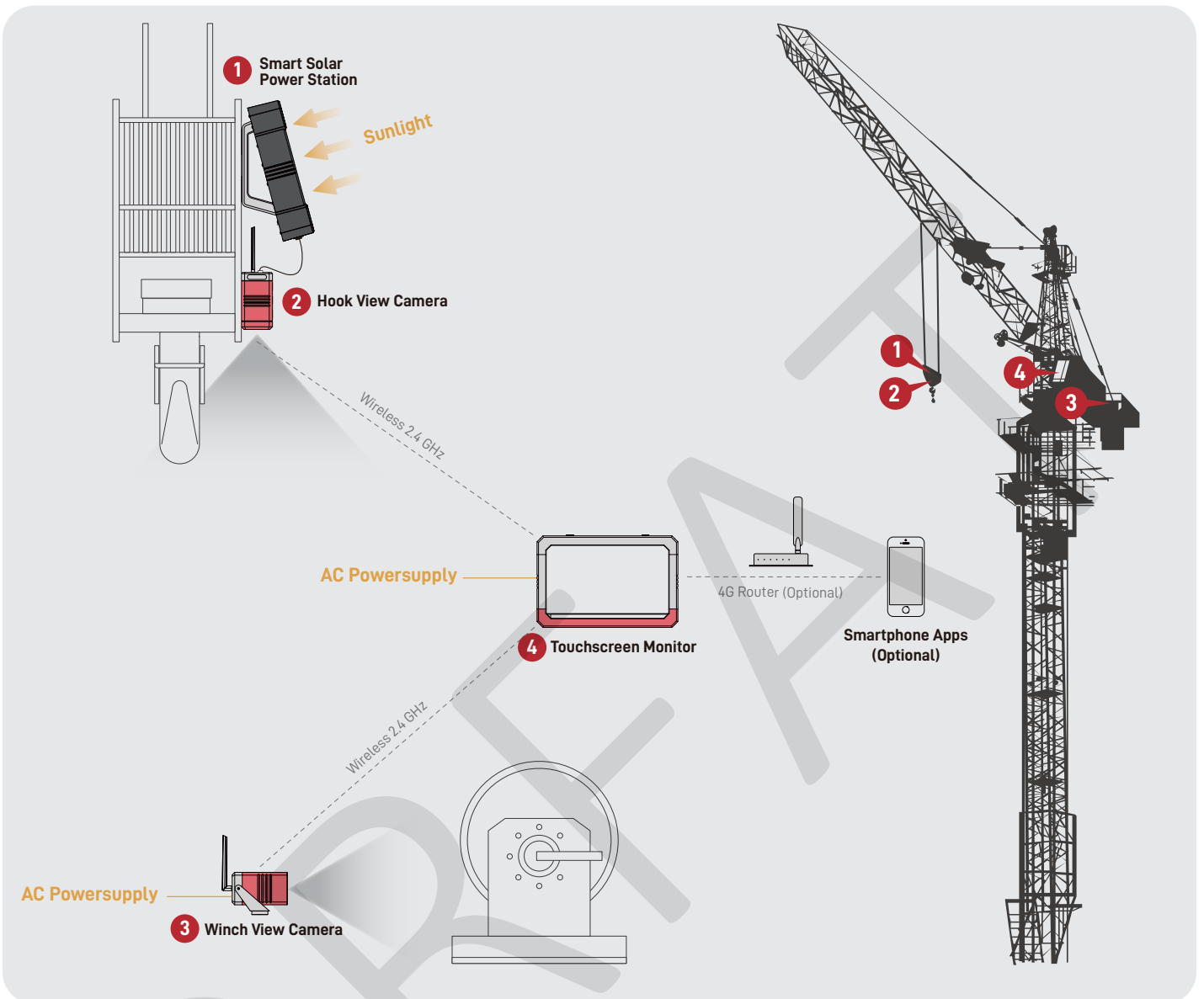
reddot winner 2020
industrial design

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

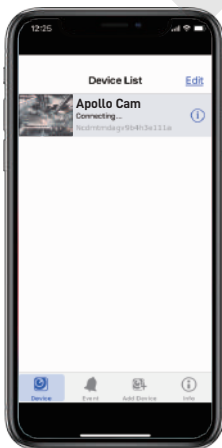


1 Smart Solar Power Station

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

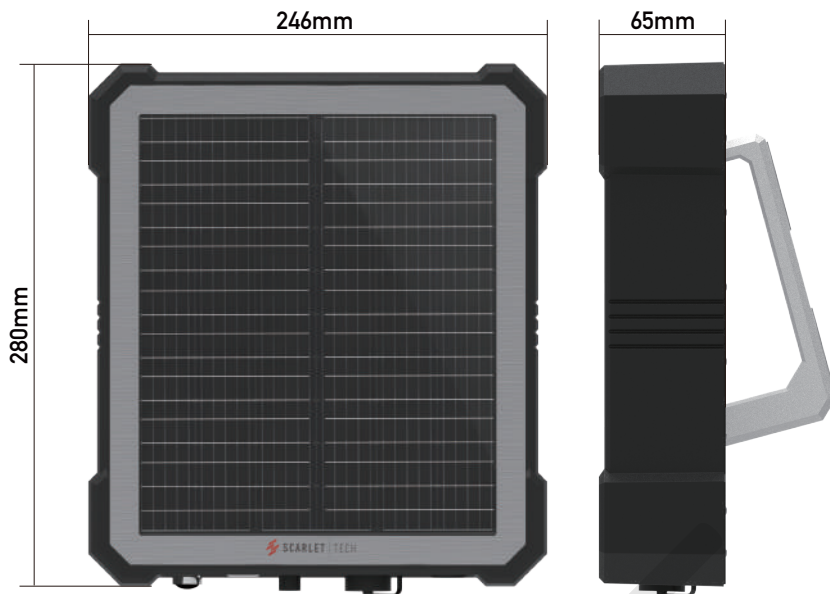
Monitor real-time video/audio streaming and automatic recordings from crane cabin. The user-friendly interface lets any crane operator know how to use the monitor quickly without feeling overwhelmed.

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.

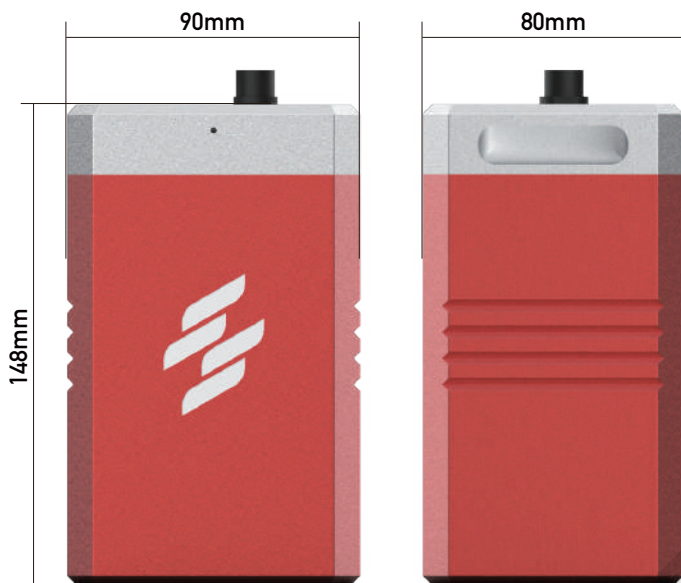


Touchscreen Monitor

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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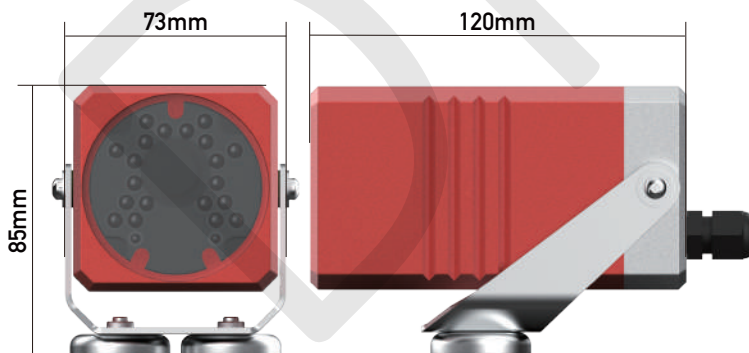
Technical Specification



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

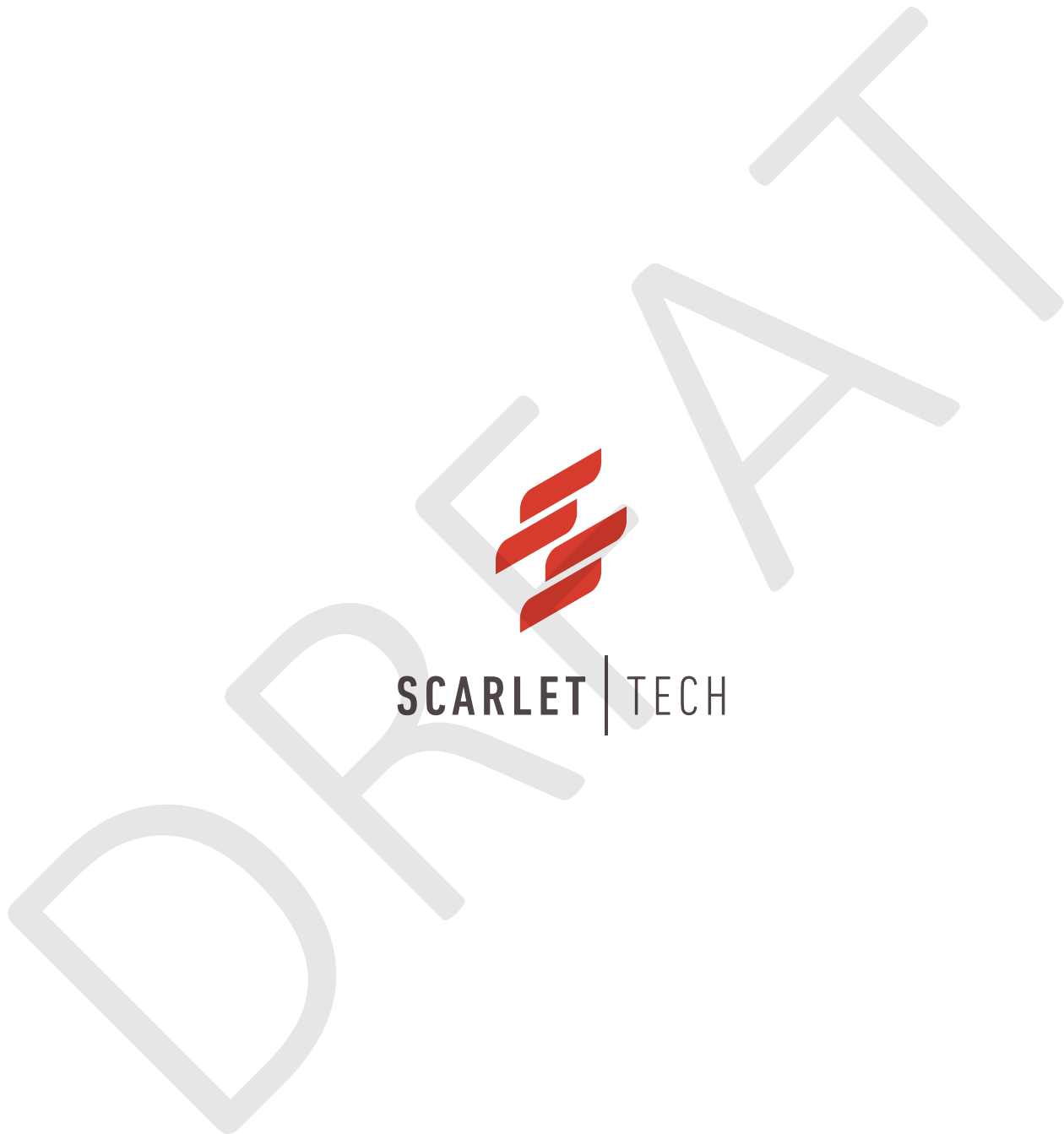
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Winch View Camera

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

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