



Wireless Solar Crane Camera

APOLLO M1™



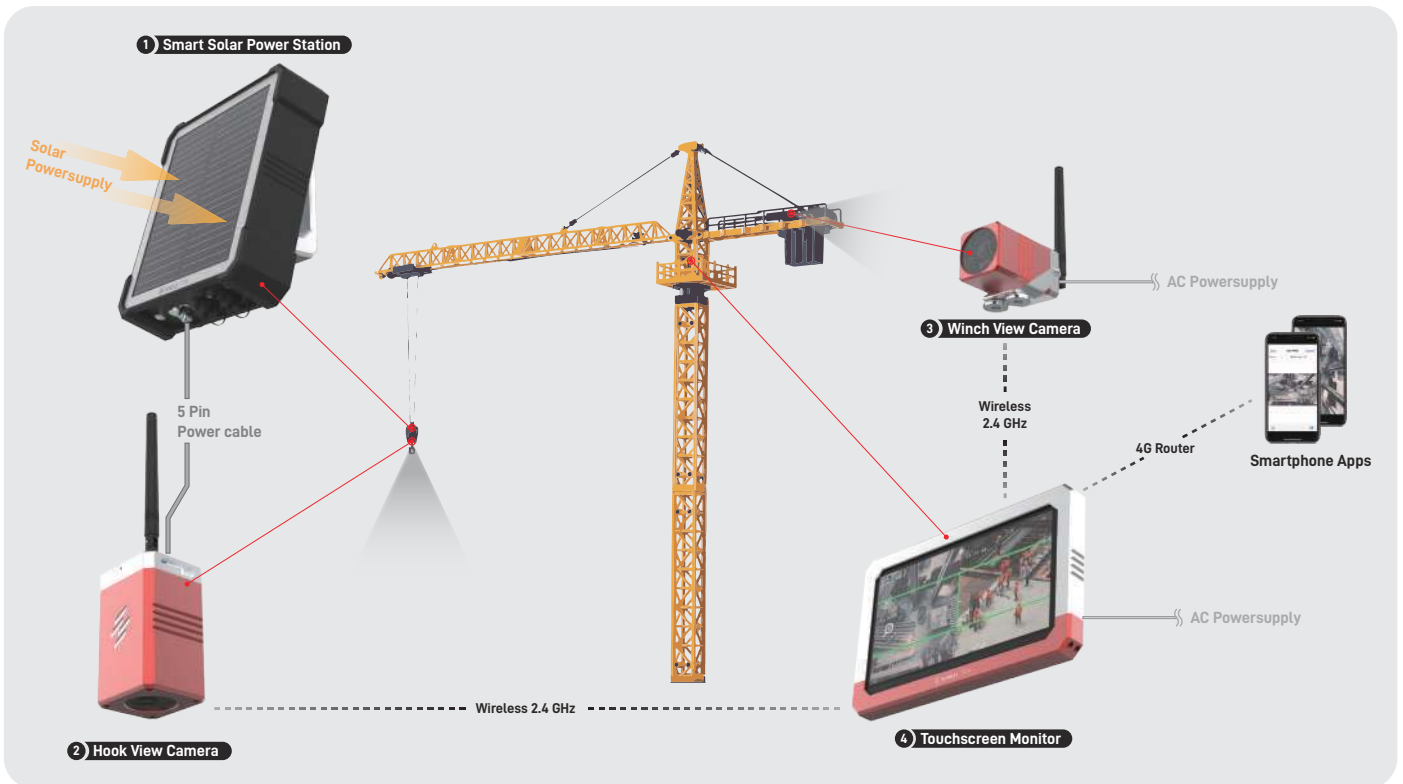
reddot winner 2020
industrial design



The Total Solution of Crane Operation Safety

- 2 Live Focus Ultra-Wide Cameras
- Max 400m Wireless Transmission
- 1-Week Continuous Operation Hours
- Multiple Smartphones Remote Live-View
- Video/Audio Streaming & Recording
- User-Friendly FHD Touchscreen

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

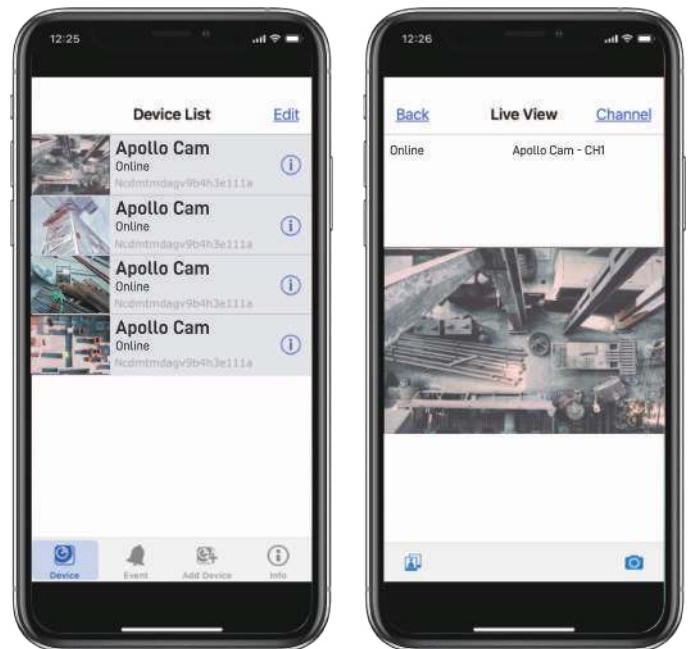
Wide-angle camera installed on the winch/sides of the crane gives full-range operational views.

4 Touchscreen Monitor

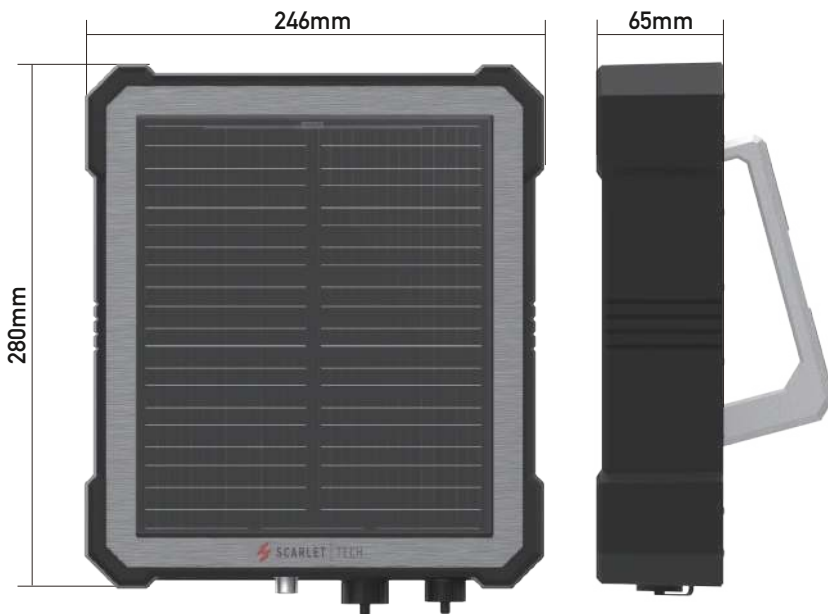
Monitor real-time video/audio streaming and automatic recordings from crane cabin. The user-friendly interface lets any crane operator know how to use the monitor quickly without feeling overwhelmed.

Apollo Cam Smartphone App

Watch Livestream on your smartphone/tablet anytime, anywhere.



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 Working Hours	Up to 70hrs (Total 7-14 days, daily working 8 hours.)
Waterproof	IP67
Installation	Mounting by Magnets
Operation Temp.	-20°C to 55°C

Subject to technical modification without notice



Touchscreen Monitor

Dimension	285 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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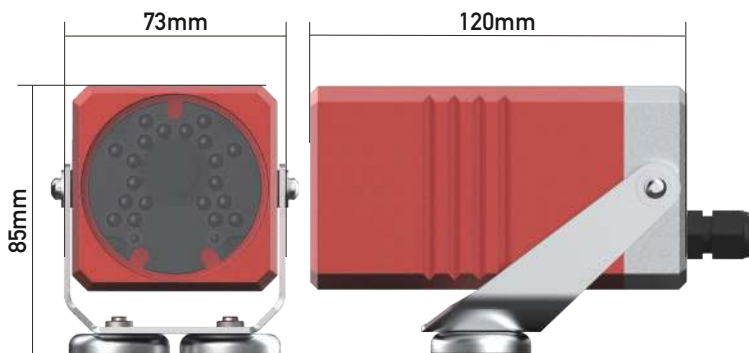
Technical Specification



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	120 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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Packing List



Main Products

1. Hook-View Camera x 1
2. Winch-View Camera x 1
3. Solar Power Station x 1
4. Touchscreen Monitor x 1

Cables & Accessories

5. Monitor Display Mount x 1
6. Monitor Power Adapter x 1
7. Stainless-steel Safety Lanyard (1 Meter) x 1
8. Battery Power Charger x 1
9. Battery Power Cable x 1
10. Magnetic Cord Holder x 6
11. Hook-View Cam 5-Pin Power Cable x 1
12. Winch-View Cam Power Adapter x 1
13. Panel Directional Antenna x 1
14. Panel Directional Antenna Signal Cable (0.5 Meter) x 2
15. Panel Directional Antenna Mount x 1
16. Omnidirectional Antenna (Hook-View & Winch-View Cam) x 2
17. Waterproof Carry-on Case (26") x 1
18. Scarlet 4G Router Bundle (Power adapter x 1, Antenna x 1, Ethernet Cable x 1)
19. Quick Set-up Guide, User Guide, Certificate of Conformity
20. MicroSD Card (64GB) x 1



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