

SOLAR CAMERA POLE

| CWD-BOX-2CAM-3M

CW DEFENCE Solar Camera Pole is perfectly designed by combining new generation high efficiency solar panel technology, inverter and lithium battery energy storage systems. The solar camera mast with smart power mode enables long-term monitoring, tracking and recording. CW DEFENCE Solar Camera Pole, which stands out with its functionality, can operate with high efficiency under harsh environmental conditions. The system, whose number and quality of cameras can be changed, can be designed upon your requests.



High Performance

High Efficient Monitoring, Recording System



Night Vision Distance

Advanced Image Processing Technology



IP65 Protection Class

IP65 compliant system components



Safe Structure

Open Circuit, Short Circuit, Over Power and Polarity Protection



Intelligent Power Management System

Ability to extend the autonomy period up to 4-6 days



LFP Battery Technology

Superior performance with next generation Lithium battery technology



- High Efficiency PERC Monocrystalline Solar Panel
- LiFePO4 Battery Pack with Built-in BMS for Long Life
- MPPT Solar Charge Controller with Constant Current Output
- Advanced Image Processing Technology
- Seeing Snapshots Thanks to 4.5G Technology
- Motion Detection Feature
- Mechanical Optimum Solar Angle Adjustment
- 1920x1080p Resolution
- 1/2.7" CMOS Image Sensor
- Special Design Aluminum Injection Molding Camera Module Housing
- Electrostatic Powder Coated Over Hot Dipped Galvanized Coating
- Square Profiled Pole
- Open Circuit, Short Circuit, Over Power and Polarity Protection

SOLAR CAMERA POLE

TECHNICAL SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Panel Type	CWD120 48PM12
Panel Power	120Wp
Camera Type	IP Bullet Camera
Image Feature	2MP (1920 x 1080)@25/30 fps
Battery Technology	LiFePO4 Lithium Battery
Battery Capacity	1280Wh (12.8V-100Ah)
Charge Control Type	MPPT 1KW

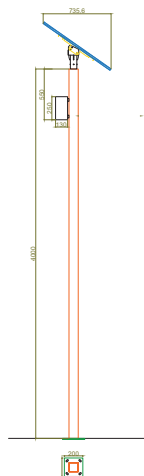
CAMERA CHARACTERISTICS

Image Sensor	1/2.7" CMOS Image Sensor
Max. Resolution	1920x1080p
ROM	128 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1 1/3 s-1/100000 s
S/N Ratio	> 56 dB
Min. Lighting	0.005 Lux@F1.6
Lighting Distance	30 m (98.43 ft)
Image On/Off Control	Auto/Manual
Pan/Tilt/Rotate Range	1 (IR LED)
Pan/Tilt/Rotate Range	Pan: 0°-360° Tilt: 0°-90° Rotate: 0°-360°

SAFETY

Reverse Polarity Protection	Available
Open Circuit Protection	Available
Short Circuit Protection	Available
Overload Protection	Available

PHYSICAL CHARACTERISTICS



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- * CW DEFENCE reserves the right to change the specifications of the products without prior notice.
- * The specified charge, discharge, capacity and life values are valid at 25 °C and non-condensing environment.
- * Please contact us for your special requests and projects.
- * CW DEFENCE products are project-based products and can realize special projects upon your requests.

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