

16MP Site Camera Pro XL

100% DIY, Solar/Wireless, Portable, Real-Time Monitoring

Data Sheet / MC88XL

HIGH-RESOLUTION JOBSITE TIME-LAPSE, SECURITY & MONITORING, FOR EXTREME CONDITIONS

The high-resolution MC88 solar-powered, wireless jobsite monitoring and surveillance camera is now available for difficult solar locations. The **MC88XL** model comes with extended, integrated battery back-up and twice the solar and battery capacity, providing up to **10 days of power** and **faster recharging** capabilities.

Remotely manage jobsite security, record time-lapse video in 4K and track progress on locations with limited solar gain, challenging latitudes, adverse weather, or shading from nearby structures in urban settings.

MC88XL JOBSITE & SURVEILLANCE CAMERA FEATURES

- 📷 16 MP IMAGES
- ⚡ SOLAR-POWERED
- 🕒 4K HD TIME-LAPSE
- 📶 SMART BATTERIES
- 📡 LIVE STREAMING
- 📶 WIRELESS & PORTABLE
- 📽 DVR EDGE RECORDING
- 🔗 SHARING TOOLS
- 📶 4G LTE AND WIFI
- ☁ CLOUD-MANAGED
- 🔌 PLUG 'N PLAY
- 📄 NO CONTRACT
Change/suspend/resume plans at any time
- 🌐 100% WEB INTERFACE



The portable MC88XL's integrated smart battery pack and two 35 Watt solar panels mean quick recharging and up to 10 days of power, even in adverse conditions.

100% Solar Powered. LiFePO₄ battery backup.

Our solar-powered cameras are perfect for sites with no access to power or internet, and our XL models serve locations with limited solar gain or excess shading. The **MC88XL** model includes two 35W solar panels and integrated LiFePO₄ batteries that provide up to 10 days of power.

16MP Color Images | 1080p Video Streaming | DVR | Time Lapse Videos
wireless | portable | all-weather | fast playback | real-time | diy | solar | MC88XL



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Camera

Image Sensor	CMOS
Resolution (still)	16 Mega Pixel (5312x2988) (with HDR). Configurable to lower resolutions.
Resolution (video)	640X480, 1280X720 (720p), 1920X1080 (1080p)
Video Compression	H.264
Video Streaming	H.264 stream
Time-lapse	4K Time-lapse video
Field of View	60 °(h) x 51°(v)
DVR	128 GB edge storage, approx. 40 days @ 720p video

Interface

Cellular	4G LTE - multiple carriers available
WiFi	802.11 b/g/n
GPS	Built-in GPS positioning

Power

Solar Power Input	18-24VDC with Maximum Power Point Tracking (MPPT)
Solar Panel	Included, 2-35W 640X345X25mm
Auxiliary Power Input	18-24VDC
Battery	Integrated rechargeable Lithium Iron Phosphate (LiFePO ₄). Up to 10 days power

Physical

Camera Dimensions	7.5"(W) X 5.0" (D) X 8.5" (H)
Camera Weight	11.75 lbs
Solar Panel Weight	14.6 lbs
Mounting Hardware	Pole/wall mount included

Remote Management with SiteCloud

Camera Admin / Monitoring	Administer and manage camera from any web enabled device. Multi-user. 24/7 access.
Image Archival	Secure archival of images, DVR clips, Time-lapse video. View/download anytime.
Time-Lapse Video	Create automated Time-lapse Video with the click of a button. View and download anytime.
Live Video Streaming	View live video from any web enabled device.
DVR	Record 40 days of 720p video
Project Updates	Schedule daily/weekly image updates to project team / stakeholders
Managed Service	Managed AWS servers
Technical Support	Proactive, responsive tech support at your fingertips
Public Access URL	Show your work to the public via a public URL or embed in your website.
Data Fees Included	Integrated data transfer is included in service plan.
NO CONTRACT	Service is month to month

Environmental

Operating Temperature	-20°C (-4°F) to +50°C (122°F)
Enclosure Material	Polycarbonate
Encapsulation	All-Weather IP65

ORDERING

MC88V-102-XL	MC88XL Solar Camera Kit Includes camera, integrated battery pack, 2 solar panels, mounting brackets. Requires SiteCloud Service for operation. Available carriers: Verizon, ATT, T-Mobile
Available Carriers	Verizon, ATT, T-Mobile (United States) Telus and Rogers (Canada)
SiteCloud - Cellular plans	10GB SiteCloud Cellular plan is recommended for the MC88XL
Optional Accessories	Tripod kit, cable lock

SPECIFICATIONS SUBJECT TO CHANGE Images are for illustration purposes only

Made in the USA