

Site Camera Pro XL

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

Data Sheet / MC78XL

ROBUST JOBSITE TIME-LAPSE, SECURITY & MONITORING, FOR EXTREME CONDITIONS

The high-resolution MC78 solar-powered, wireless jobsite monitoring and surveillance camera is now available for difficult solar locations. The **MC78XL** 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.

MC78XL JOB SITE & SURVEILLANCE CAMERA FEATURES

- 📷 8 MP IMAGES
- 🔋 SOLAR-POWERED
- 🕒 HD TIME-LAPSE
- 🔋 2X SMART BATTERIES
- 📡 LIVE STREAMING
- 📶 WIRELESS & PORTABLE
- 📺 DVR EDGE RECORDING
- 🔗 SHARING TOOLS
- 📶 4G LTE AND WIFI
- ☁️ CLOUD MANAGED
- 🔧 DIY INSTALLATION
- 📄 NO CONTRACT
- 🌐 100% WEB INTERFACE



The portable MC78XL'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. 2X 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 **MC78XL** model includes two 35W solar panels and integrated LiFePO₄ batteries that provide up to 10 days of power.

8MP Color Images | Video Streaming | DVR | Time-lapse Videos
wireless | portable | all-weather | fast playback | real-time | diy | solar | MC78



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Camera

Image Sensor	CMOS
Resolution (still)	8 Mega Pixel (3264x2448)
Resolution (video)	1280X720 (720p)
Video Compression	H.264
Video Streaming	Multiple simultaneous H.264 streams
Field of View	60°(h) x 51°(v)
DVR	128GB edge storage

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 64OX345X25mm
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

Cloud-based Remote Management

Camera Admin / Monitoring	Administer and manage the 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 30+ days of video
Project Updates	Schedule daily/weekly image updates to project team /stakeholders
Managed Service	Managed AWS servers, 99.9% uptime
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.
Unlimited Users	Multi-user access to images and live streaming

Environmental

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

ORDERING

MC78X-102-XL	MC78XL Solar Camera Kit Includes camera, integrated battery pack, 2 solar panels, mounting brackets. Requires SiteCloud Cloud Service for operation.
Available Carriers	T-Mobile, ATT, Verizon (United States) Telus and Rogers (Canada)
Cloud Service	Cellular plans start at 1GB
Optional Accessories	Tripod kit, cable lock