SENSERA
SYSTEMS

16MP Site Camera Pro
100% DIY, Solar/Wireless, Portable, Real-Time Monitoring

Data Sheet / MC88

HIGH-RESOLUTION JOB SITE TIME-LAPSE, SECURITY & MONITORING

The high-resolution MC88 solar-powered, wireless job site monitoring and surveillance camera brings rich 16MP still images for project documentation and 4K HD time-lapse along with full 1080p streamed and recorded video.

Manage job site security, track progress and produce professional-grade time-lapse videos to showcase your projects.

Live stream video from your job site in full 1080p resolution. Fully automated or customized project time-lapse video with the click of a button. Built-in 40-day recording for site safety and security. Share real-time project images with stakeholders.

Our cloud-based, remote management interface gives you instant access to your camera using your smartphone, tablet or PC.

Our patented cameras and software are designed, engineered and manufactured in the USA.

MC88 JOB SITE & SURVEILLANCE CAMERA FEATURES

- 16 MP IMAGES
- 4K HD TIME–LAPSE
- LIVE STREAMING
- DVR EDGE RECORDING
- 3G/4G/LTE AND WIFI
- PLUG 'N PLAY
- 100% WEB INTERFACE

- SOLAR POWERED
- SMART BATTERIES
- WIRELESS & PORTABLE
- SHARING TOOLS
- CLOUD MANAGED
- NO CONTRACT
  Change/suspend/resume plans at any time

100% Solar Powered. LiFePO$_4$ battery backup.

Our solar-powered cameras are perfect for sites with no access to power or internet. Integrated LiFePO$_4$ batteries provide 5 days of power during periods of low or no sun.

NO wiring or technical experience required. Installs in minutes. 100% solar powered.

16MP Color Images | 1080p Video Streaming | DVR | Time Lapse Videos
wireless | portable | all-weather | fast playback | real-time | diy | solar | MC88

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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	3G/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, 35W 640X345X25mm
Auxiliary Power Input	18-24VDC
Battery	Integrated rechargeable Lithium Iron Phosphate (LiFePO$_4$). 5 days power

Physical

Camera Dimensions	7.5"(W) X 5.0" (D) X 8.5" (H)
Camera Weight	7 lbs
Solar Panel Weight	7 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	MC88 Solar Camera Kit Includes camera, integrated battery pack, solar panel, mounting brackets. Requires Multisense Cloud 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 MC88
Optional Accessories	Tripod kit, cable lock

SPECIFICATIONS SUBJECT TO CHANGE Images are for illustration purposes only

Made in the USA