SENSERA SYSTEMS

MC88 Site Camera Pro
16MP All-Weather Camera for High-Resolution Monitoring

MC88x-102 Solar-Powered Camera Kit

Time-lapse, Safety and Security Made Easy

Sensera Systems'® MC88 solar-powered jobsite camera is designed for high-resolution monitoring where power infrastructure is not available (or consistent). Perfect for large-scale jobsites, this advanced camera provides 4K time-lapse video, 16MP images, edge recording and the ability to live-stream and record 1080p video. Monitor progress, collaborate with project stakeholders, improve safety and produce professional grade time-lapse videos for project marketing with ease.

The MC78 site solution is powered by Sensera's SiteCloud® platform which provides easy-to-use software for viewing, monitoring, and sharing real-time site data, detecting actionable insights, and simplifying work-flow. SiteCloud is tightly integrated with Sensera's complete line of jobsite cameras, SitePOV™ mobile app, and SiteCloud-AERIAL™ drone photography services to provide comprehensive automated site monitoring from a simple web interface. SiteCloud service includes WiFi and 4G LTE connectivity making it a true end-to-end solution. Integrations with Autodesk® BIM 360, Procore®, and PlanGrid simplify and automate workflow across the enterprise.

Plug 'n Play Installation

- One Person Installation in Under 20 Minutes
- Light-weight, Small Footprint
- Integrated Modem for Cellular or WiFi Connectivity
- Easy to Move or Reposition
- All-weather Outdoor/Indoor Housing
- Automated Health Monitoring

Access Your Camera 24/7

- Minimize Travel and Time from Site to Site
- Monitor Project Progress and As-built Status
- Improve Collaboration with Stakeholders
- Market Your Projects and Promote Your Business
- Mitigate Risk and Enforce Safety Processes
- Reduce Liability and Lower Insurance Costs

Camera

Image Sensor	CMOS
Resolution (still)	16 Megapixel (5312 x 2988) Configurable to lower resolutions.
Resolution (video)	640 x 480, 1280 x 720 (720p), 1920 x 1080 (1080p)
Video Compression	H.264 or MJPEG
Video Streaming	MJPEG or Multiple simultaneous H.264 streams, unlimited
Time-lapse	4K Time-lapse video
Field of View	60°(h) x 51°(v)
DVR	128 GB edge storage, approx. 40 days @ 720p video

Network

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, 35W 31.02" x 13.78" x 1.18"
Auxiliary Power Input	18-24VDC
Battery	Integrated rechargeable Lithium Iron Phosphate (LiFePO4). 5 days power
Supply Power	110/220VAC input @ < 0.74 Amps via included AC/DC power adapter.
Camera Power	18-24VDC @ < 1.5 Amps @ 24 V

Physical

Camera Dimensions	7.5"(W) x 5.0" (D) x 8.5" (H)
Camera Weight	6 lbs
Solar Panel Weight	7 lbs
Mounting Hardware	Pole/wall mount included

Environmental

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

Cloud-based Remote Management

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 and on-demand time-lapse video with the click of a button. View and download anytime.
Video	Video/Image recording with web-based upload
Live Video Streaming	View live video from any web enabled device. 7-day image history for situational awareness
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.
Workflow Integrations	Integrated with popular project management software including: Autodesk BIM 360, Procore, PlanGrid

Ordering

MC88x-102 RT-MC88x-102 (rental)	MC88 Camera Kit (Solar or AC Power) Includes camera, integrated battery pack, solar panel, mounting brackets. Requires SiteCloud Service for operation.
Available Carriers	Verizon, AT&T, T-Mobile (United States) Telus and Rogers (Canada)
Cloud Service	Cellular plans start at 1GB
Optional Accessories	Tripod kit, 20' telescoping pole, portable solar trailer, camera transport case

SPECIFICATIONS SUBJECT TO CHANGE
Images are for illustration purposes only