SENSERA SYSTEMS

MC78 Jobsite Camera
8MP All-Weather Camera for Robust Documentation & Monitoring

MC78VG-3-10x Camera Kit

Flexible, Reliable, Afforable

Sensera Systems' MC78 8MP jobsite camera is designed for robust visual documentation and site monitoring. Perfect for users who want an easy to deploy solution for progress monitoring, improved stakeholder collaboration, improved safety and the ability to produce professional grade time-lapse videos for project marketing. Live-stream video from your site and share high-resolution real-time and DVR project images with team members, customers and owners.

*Optional mounts such as the Non-penetrating mount featured here, are available. Contact a Sales Representative for more information.

74.9° Field of View	Perfect for Time-lapse	1080p Video	8.3 Megapixel Images	High Dynamic Range (HDR)	256GB Onboard Storage

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 Procore®, Autodesk® Construction Cloud, and PlanGrid simplify and automate workflow across the enterprise.

Access Your Camera 24/7

- 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
- Continuous video recording

Wireless
No Site Power or Internet Needed

Portable/Light-weight
Move From Location to Location with Ease

All-weather
Outdoor/Indoor Housing

Compact Solar
No Site Auxiliary Power Needed

Simple Install
No Electrician or IT Required

Reliable 24/7
Automated Health Monitoring

CAMERA

Image Sensor	CMOS
Resolution (still)	8.3 Megapixel (3840 x 2160)
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
Field of View (FoV)	74.9°(H) x 59.4°(V)
Recording	256 GB on camera storage, 10/60 second stills or continuous recording (up to 68 days)
High Dynamic Range (HDR)	Better image quality under a variety of lighting conditions

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 any time. 10-Year SiteCloud data retention.
Time-lapse Video	Create automated and on-demand time-lapse video with the click of a button. View and download anytime.
Recording & Streaming Video	Video/Image recording with web-based upload. View live video from any web enabled device. Use LiveView 7-day image history for situational awareness. On-camera DVR storage provides for continuous video recording.
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: Procore, Autodesk Construction Cloud, and PlanGrid.

ORDERING

MC78VG-3-102 RT-MC78VG-3-102-xxxx (rental)	MC78 Camera Kit (Solar + AC Power). Includes camera, integrated battery pack, indoor AC adapter, solar panel and mounting brackets. Requires SiteCloud Service for operation.
MC78VG-3-101	MC78 Camera Kit (AC Power only) Includes camera, outdoor AC Power adapter and mounting brackets. Requires SiteCloud service for operation.
Available Carriers	Verizon, AT&T, T-Mobile (United States) Telus and Rogers (Canada).
Cloud Service	Various SiteCloud plans available. Recommended cellular plans start at 1GB.
Optional Accessories	Roof Mount Kit, Tripod Kit, 20' Telescoping Pole, Portable Solar Trailer, Camera Transport Case, Outdoor AC Adapter.

SPECIFICATIONS SUBJECT TO CHANGE
Images are for illustration purposes only

Manufactured in Golden, Colorado