

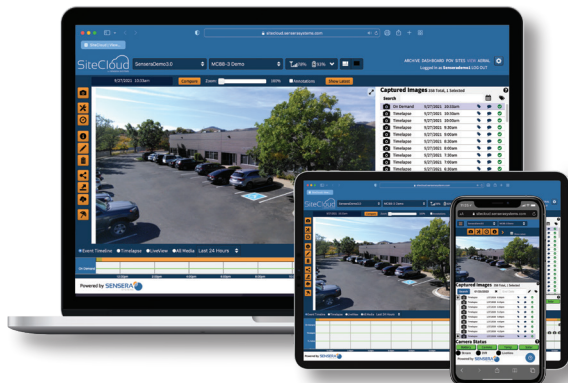
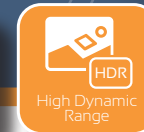
SiteWatch PRO2 Smart Security Camera

13 MP All-Weather Camera for High-Resolution Monitoring

SWPRO2VG-3-10x Camera Kit

Flexible, Reliable, Affordable

Sensera Systems' SiteWatch PRO2 day/night site monitoring solution combines thermal, low-light and color cameras with IR illumination, video analytics and 4G LTE communications in one integrated system. This smart camera is perfect for 24/7 monitoring capable of real-time alert notifications (pushed to your email or mobile device). All video analytics are executed inside the camera, and only video relating to actual events is sent to the cloud for archival and viewing.



The SiteWatch PRO2 smart security solution is powered by Sensera's SiteCloud™ platform which provides easy-to-use software for robust detection, alerting, recording and actionable insights. 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

- 4K video streaming and recording (configurable)
- Low-light detection with sensitive 1.3MP Black and White camera
- Long-range motion detection covers large areas with fewer cameras
- Continuous video recording
- Schedule and automate capture of stills



SiteWatch Pro2 Security Camera

Technical Specifications



SWPRO2VG-3-10x Camera Kit

CAMERA

Color/Day Camera

Image Sensor	CMOS
Resolution (still)	13 Megapixel on demand, 1920 x 1800 Day Triggered, 1280 x 960 Night Triggered
Resolution (video)	640 x 480, 1280 x 720 (720p), 1920 x 1080 (1080p)
Video Compression	H.264 or MJPEG
Field of View (FoV)	74.9°(H) x 59.4°(V)
Recording	512 GB on camera storage 10/60 second stills or continuous video recording (up to 137 days)
High Dynamic Range (HDR)	Better image quality under a variety of lighting conditions

Low-Light Black & White Camera

Image Sensor	CMOS
Resolution (still)	1.3 Megapixel, 1280x960
Minimum Illumination	0.01 Lux
Video Streaming	MJPEG or H.264
Video Compression	H.264
Field of View (FoV)	45°(H) x 33.75°(V)

Thermal Detection Camera

Image Sensor	LWIR, 8-14 µm
Resolution (still)	160 x 120
Field of View (FoV)	45°(W) x 71°(diagonal)
Thermal Sensitivity	<50mK

Video Analytics

Camera Input	Thermal
Modes	Motion detection with masking
Motion Detection Range (Thermal)	200' x 56°
Masking	Multiple rectangular ignore areas

EDGE RECORDING

Capacity	512GB (up to 137 days)
Recording	720p, 1080p, 640 x 480
Scheduler (via SiteCloud)	Up to 5 separate schedule segments
Prefetch	Automatic uploads of clips on motion events

ILLUMINATION

Illumination Type	IR
Power	25W
Illumination Angle	60°

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 6.25" (D) x 8.5" (H)
Camera Weight	7.5 lbs
Solar Panel Weight	7.3 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

SITECLOUD SERVICE RELATED FEATURES

- Live streaming video
- Video/image recording with web-based upload
- Captured image/video archival and viewing
- Edge storage: scheduled, configure, retrieve
- Event notifications, trigger events via SMS, email, API
- Motion detection: video analytics configuration, masking, arming schedules

ORDERING

SWPRO2VG-3-102 RT-SWPRO2VG-3-102-xxxx (rental)	SWPRO2 Camera Kit (Solar or AC). Includes camera, integrated battery pack, indoor AC adapter, solar panel and mounting brackets. Requires SiteCloud Service for operation.
SWPRO2VG-3-101	SWPRO2 Camera Kit (AC Power only) Includes camera, outdoor AC power adapter, IR illumination and mounting brackets. Requires SiteCloud for operation.
Available Carriers	Verizon, AT&T, T-Mobile (United States) Telus and Rogers (Canada).
Cloud Service	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