

# SiteWatch PRO3 Smart Security Camera

Up to 13 MP All-Weather Camera for Real-time Monitoring

## SWPRO3VG-3-10x Camera Kit

### Flexible, Reliable, Affordable

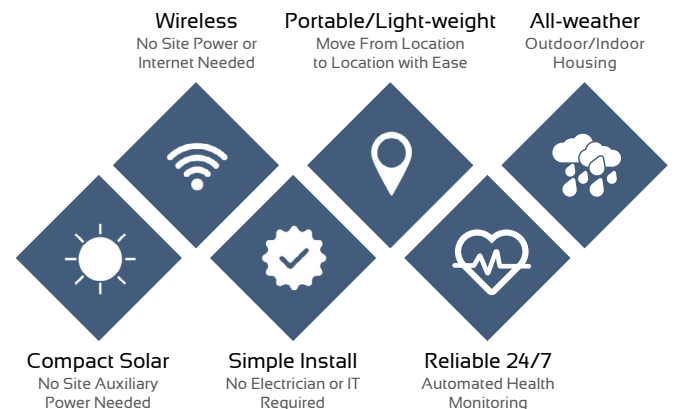
Sensera Systems' SiteWatch PRO3 day/night site monitoring solution combines thermal, low-light and color cameras with IR illumination, video analytics and 4G LTE communications in one integrated system. This portable smart camera is perfect for 24/7 monitoring capable of real-time alert notifications (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.



- **Works with No Light on Site** - the thermal imager can detect people and vehicles with zero light, then uses the included IR illuminator to capture detail with the low-light camera.
- **Long Range Detection** - the thermal camera provides long-range detection to cover more of the jobsite.
- **3-in-1 Camera System** - thermal for detection, low-light for capturing detail in the lowest light conditions, and color for daytime and with sufficient ambient lighting. The intelligent system switches between camera sensors automatically to provide the best imagery based on light levels.

### Access Your Camera 24/7

- 1080p video streaming and recording (configurable)
- Low-light detection with sensitive 4K camera
- Long-range motion detection covers large areas with fewer cameras
- Continuous video recording
- Schedule and automate capture of stills
- NDAA Compliant



# SiteWatch PRO3 Security Camera

## Technical Specifications



### SWPRO3VG-3-10x Camera Kit

#### CAMERA

##### Color/Day Camera

Image Sensor	CMOS 13MP Sensor
Resolution	13 Megapixel on demand daytime, 8mp LiveView day, 1920 x 1080 (2mp) zero-latency triggered day
Resolution (video stream)	640 x 480, 1280 x 720 (720p), 1920 x 1080 (1080p)
Video Compression	H.264 or MJPEG
Daytime Field of View (FoV)	74.9°(H) x 59.4°(V)
Resolution (recording)	640 x 480, 1280 x 720, 1920, 1080
High Dynamic Range (HDR)	Day/night HDR for improved image quality under uneven lighting conditions

##### Low-Light Black & White Camera

Image Sensor	CMOS 4K Sensor
Resolution (still)	8mp on demand night illuminated 8mp LiveView night illuminated 2mp triggered night
Resolution (video stream) (resolution triggered day/ night)	640 x 480, 1280 x 720, 1920 x 1080
Video Compression	H.264 or MJPEG
Minimum Illumination	0.01 Lux
Video Streaming	MJPEG or H.264
Field of View (FoV)	120 diag 105°(H) x 59°(V)
High Dynamic Range (HDR) day/night	HDR for improved image quality under uneven lighting conditions

##### Thermal Detection Camera

Image Sensor	LWIR, 8-14 μm
Resolution (still)	160 x 120
Field of View (FoV)	45 (W) x 56 (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 Resolution	640 x 480, 10/60 second stills or continuous video
Scheduler (via SiteCloud)	Up to 5 separate schedule segments
Prefetch	Automatic uploads of clips on motion events

#### ILLUMINATION

Illumination Type	IR
Power	36W
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	8-24VDC 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 @ < 2 Amps

#### 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

SWPRO3VG-3-102 RT-SWPRO3VG 3-102-xxxx (rental)	SWPRO3 Camera Kit (Solar or AC) Includes camera integrated battery pack, indoor AC adapter, solar panel and mounting brackets. Requires SiteCloud Service for operation.
SWPRO3VG-03-101	SWPRO3 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