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

The SiteWatch PRO3 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
- 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

Wireless
Portable/Light-weight
All-weather
No Site Power or Internet Needed
Move From Location to Location with Ease
Outdoor/Indoor Housing

Compact Solar
Simple Install
Reliable 24/7
No Site Auxiliary Power Needed
No Electrician or IT Required
Automated Health Monitoring

All-weather
Outdoor/Indoor Housing
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)
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'

Mashing
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°