SiteWatch Pro2 Smart Security Camera
Day/Night All-Weather Smart Security Camera

SWPRO2x-101 AC-Powered Camera Kit

Intelligent Remote Site Monitoring

Sensera Systems'® SiteWatch PRO2 Series intelligent remote site monitoring solution combines thermal, low-light and color cameras with 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 via SMS). 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 Pro 2 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 Autodesk® BIM 360, Procore®, and PlanGrid simplify and automate workflow across the enterprise.

Features & Benefits

- Complete End-to-end Solution
- 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

- 1080p video streaming and recording (configurable)
- Low-light detection w/ sensitive 1.3MP B/W camera
- Long-range motion detection covers large areas with fewer cameras
- Low-latency triggered image/video capture
- Schedule and automate capture of still images

Cameras

Color/Day Camera

Image Sensor	CMOS
Resolution (still)	16MP on demand, 1920x1080 (2MP) day triggered, 1280x960 night triggered
Resolution (video)	640 x 480, 1280 x 720 (720p), 1920 x 1080 (1080p)
Field of View	60°(w) 51°(h)
Video Compression	H.264 or MJPEG

Low-Light B/W Camera

Image Sensor	CMOS
Image Resolution	1.3MP (1280X960)
Minimum Illumination	0.01 lux
Video	MJPEG or H.264 Stream
Field of View	45° (H)
Video Compression	H.264

Thermal Detection Camera

Image Sensor	LWIR, 8-14 µm
Image Resolution	160X120
Field of View	56°(h) 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	128GB
Recording	720p, 1080p, 640x480
Scheduler (via SiteCloud)	Up to 5 separate schedule segments
Prefetch	Automatic uploads of clips on motion events

Illumination (Optional)

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

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
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

Camera configuration triggering scheduled image capture

Edge Storage: Schedule, configure, retrieve

Event notifications, trigger events via SMS, email, API

Motion Detection: Video analytics configuration, masking, arming schedules

Ordering

SWPRO2x-101	SWPRO2 Camera Kit (AC Power only) Includes camera, AC power box, IR Illumination and 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 5GB
Optional Accessories	Tripod kit, 20' telescoping pole, portable solar trailer, camera transport case

SPECIFICATIONS SUBJECT TO CHANGE
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