

# PTZ500 Jobsite Camera

HD Panoramic Camera for Large Projects and Enhanced Marketing

PTZ500x-101 AC-Powered PTZ Camera Kit

## Time-lapse, Panoramas, Safety and Security

The PTZ500 panoramic jobsite camera is designed for flexible site monitoring, enhanced build inspection and project marketing. Ideal for large-scale jobsites requiring a wider coverage area and fine detail, this advanced site camera provides time-lapse video and ultra-high resolution panoramas. The optical zoom capability allows for capturing very fine detail over extremely large project areas on demand.



The PTZ500 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 Autodesk® BIM 360, Procore®, and PlanGrid simplify and automate workflow across the enterprise.

## Features & Benefits

- Ultra-high resolution, wide angle Panoramas
- On-demand pan-tilt-zoom to view fine detail on the largest jobsites in real-time
- Automated Panoramas
- Small, Light-weight, Easy to Move or Reposition

## Access Your Camera 24/7

- Minimize Travel and Time from Site to Site
- Monitor Project Progress and As-built Status
- Improve Collaboration with Stakeholders
- Market Your Projects and Promote Your Business
- Mitigate Risk and Enforce Safety Processes

# PTZ500 Site Camera

## Technical Specifications



### PTZ500x-101 AC-Powered PTZ Camera Kit

#### Camera

Image Sensor	CMOS
Resolution (still)	8 Megapixel (3264 x 2448) Configurable to lower resolutions.
Resolution (streaming/recorded video)	1280 x 720 (720p)
Video Compression	H.264 or MJPEG
Video Streaming	MJPEG or H.264 streams. Supports multiple viewers of live video stream
Range of Motion	Pan: 120°, Tilt: 50°
Field of View (FoV)	H FoV 52° (zoomed out), 7.2° (zoomed in) V FoV 39° (zoomed out), 5.4° (zoomed in)
Field of Regard (FoV + pan/tilt range)	172°(h) x 89°(v) (zoomed out), 127°(h) x 55.4°(v) (zoomed in)
Optical Zoom	8°(h) x 50°(v)
DVR	128 GB edge storage, approx. 40 days @ 720p video

#### 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 9.75" (D) x 8.5" (H)
Camera Weight	7 lbs 14 oz
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 Remote Management Highlights

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 anytime.
Time-lapse Video	Create automated and on-demand time-lapse video with the click of a button. View and download anytime.
Video	Video/image recording with web-based upload.
Live Video Streaming	View live video from any web enabled device. 7-day image history for situational awareness
Panoramas	Automated scheduled panorama capture and viewing.
Project Updates	Schedule daily/weekly emailed image updates to project team/stakeholders.
Public Access URL	Show your work to the public via a public URL, or embed in your website.
Workflow Integrations	Integrated with popular project management software including: Autodesk BIM 360, Procore and PlanGrid.

*See the SiteCloud datasheet for full details on SiteCloud Software and Service*

#### Ordering

PTZ500x-101	PTZ500 Camera Kit (AC Power only)
RT-PTZ500x-101 (rental)	Includes camera, AC power box and mounting brackets. Requires SiteCloud Service for operation.
Available Carriers	Verizon, AT&T, T-Mobile (United States) Telus and Rogers (Canada)
Cloud Service	SiteCloud cellular plans start at IGB
Optional Accessories	Tripod kit, 20' telescoping pole, portable solar trailer

SPECIFICATIONS SUBJECT TO CHANGE  
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Made in the USA