

Bridging the Gap Between Live Video and Time-Lapse Using Hybrid Webcams

New technologies are helping engineers and construction professionals build bridges better and faster while also improving maintenance for longer bridge life. These massive infrastructure upgrades often span multiple years and encompass several key areas throughout the jobsite. When documenting projects of this magnitude, webcam technology must be responsive enough to capture each milestone with hardware that reliably withstands long-term projects while also delivering high-quality, data-rich content for analysis.

Bridge construction teams are relying on EarthCam's GigapixelCam X1 panoramic

camera to document their projects. This hybrid webcam technology solution performs the function of multiple cameras, delivering 4K broadcast-quality video for real-time monitoring and ultra-high-quality imagery for detailed progress documentation. The industrial-grade camera features reactive PTZ capabilities and robotically scans the entire jobsite, capturing thousands of images. EarthCam's intuitive software then automatically stitches the individual photos together to create panoramic images with up to 5 billion pixels for an impressive, informative and controlled perspective of the project.

Recent bridge projects documented by EarthCam include the Bayonne Bridge, Gerald Desmond Bridge, Goethals Bridge and Genessee Arch Bridge.

To learn how EarthCam's webcam technology documents bridge construction with the highest-resolution imagery currently available, visit www.earthcam.net/roadsandbridges.

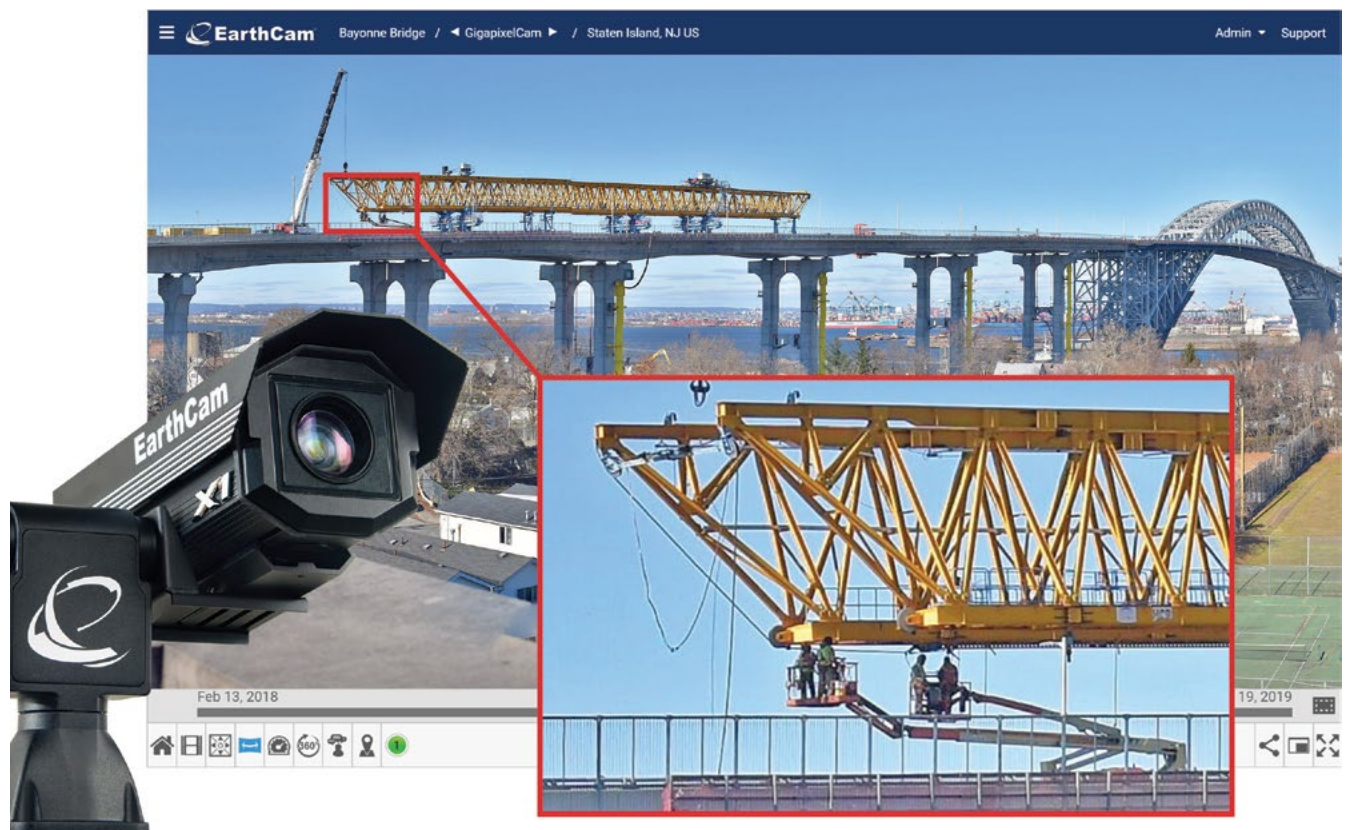


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