

Three New Webcam Technologies Empowering the Jobsite

Today's construction cameras are much more than a digital record of activities—they're an empowering technology helping owners and project teams improve safety, drive efficiency and ensure quality.

For instance, interior construction cameras can incorporate onsite environmental sensors that record temperature, humidity and dew point. Sensor data points are embedded into every image and provide a more valuable historic record of the project than just a photograph. This information is already being used to alert contractors if specific environmental conditions may impact jobsite safety, such as icy work surfaces.

A second game-changing advancement is the development of app-based 360° VR photography

to document construction progress. These solutions allow users to quickly explore an entire jobsite remotely via geo-tagged images and analyze planning against 4D virtual models. With one 360° photo, a contractor can capture all four walls, floor and ceiling, providing as much information as eight separate traditional photos. This efficient, cost-effective imaging technology delivers valuable content to owners for property marketing and future maintenance.

The third innovation for contractors is the emergence of 4K streaming video and next-generation 8K time-lapse movies. Beyond using these technologies to see your favorite movie, broadcast-quality live streaming video is ideal for documenting and promoting the

construction of megaprojects such as world-class stadiums, super-structures and major infrastructure developments. In applications where the highest quality streaming video is required, such as professional sports organizations, the live video content has multi-faceted benefits, from generating excitement with fans to more effective tickets sales.

EarthCam provides all these features and functionality and more. Also, look for the latest version of EarthCam's Control Center 8 Software-as-a-Service suite, which further expands the power and potential of the construction camera on the job and in the office. ■

IMAGE COURTESY OF EARTHCAM



Webcams now gather VR and environmental data