TrueLook Camera System Specifications

4K IR Pan-Tilt-Zoom (PTZ) Camera

Product Description

TrueLook Construction Cameras (the System Vendor) provides remote live viewing, time-lapsing, and Intelligent Security through high-definition cameras. Cameras can be accessed on the TrueLook Platform on any internet-connected device, allowing for live viewing of jobsite activity at any time. Custom time-lapses can be scheduled, and photo documentation can be cataloged and shared. TrueLook Cameras also include 24/7 security recording and motion detection, allowing users to review unusual activity such as after-hours trespassing.

Camera Specifications

The camera shall meet or exceed the following requirements:

- Still Image Resolution: 3840 x 2160
- Streaming Resolution: As high as 1920 x 1080
- Video Recording Format: H.264, H.265, and MJPEG
- Panoramic Image Quality: up to 100 MP
- Optical Zoom: 31x
- Focal Length: 6.9 – 214.6 mm
- Horizontal Field of View: 60.6° – 2.0°
- Vertical Field of View: 36.5° – 1.1°
- Weight: 9.7 lbs
- Camera Dimensions: 10.3 x 7.6 in
- Operational Conditions: -58° – 131° F
- IR Range: 300m or more
- Power Draw: Average of 3 A or 36 W
- Camera Ratings: IP66/67 (dust and water), IK10 (impact and vandalism), NEMA 4X (corrosion and weather)

Control Box Specifications

The camera's control box will meet or exceed the following requirements:

- System Dimensions: 15 x 11.25 x 7.25 in
- Weight: 12.75 lbs
- Operational Conditions: -40° – 140° F

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- Enclosure Ratings: IP66/67 (dust and water), IK10 (impact and vandalism), NEMA 4X (corrosion and weather), UL 508 (UV resistance and flammability)

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Specifications for Jobsite Cameras
with Live Viewing, Intelligent Security,
and Custom Time-Lapsing

Service and Software Specifications

Cameras and features are accessible via a web-based, mobile-friendly platform that can be accessed on any internet-connected device. This platform is managed and supported by the System Vendor. Service is available for the term of the project and allows the usage of live video, high definition digital still images, time-lapses, security recordings, and other data.

The following features are included during service:

Live Viewing & Time-Lapsing

- Live Streaming
- Custom Time-Lapses
- Photo Album Organization
- Image Comparison
- Image Markup Tools
- Image Slideshows
- Mobile Image Uploads
- Image Downloading and Sharing
- User-Controllable Pan-Tilt-Zoom

Intelligent Security

- 24/7 HD Recording
- Motion Detection
- Rolling Storage of Recordings
- Option to Save Footage

Artificial Intelligence (AI)

- Natural language Q&A for project history
- Alerts when customizable events occur on the site
- Summaries of activities onsite

Other Included Benefits

- 99% Service Uptime
- Unlimited Users
- 30-Day Money Back Guarantee
- Flexible Service Plans
- USA-Based Support
- Extensive Support Library
- Project Media Storage
- Multi-Project Dashboard
- Local Weather Data
- Construction Software Integrations Available
- Email Notifications for Project Updates

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Hardware Specifications

- The camera system shall ship pre-configured for turnkey installation. Once the camera is mounted and supplied with power, no additional installation or setup is required.
- The System Vendor shall provide pole or wall mounting hardware. The Contractor shall provide a pole or secure a nearby structure for mounting the hardware. If a pole or structure is unavailable, the System Vendor has additional mounting offerings to assist, such as non-penetrating pole mounts.
- The System Vendor shall provide a high-definition IP camera system which has a built-in 4G LTE cellular modem and can be powered by either 110VAC or solar with battery backup.

Optional Add-On Specifications

Jobsite Monitoring Service

This camera is able to utilize TrueLook's Jobsite Monitoring service, which uses trained monitoring professionals to investigate AI-powered motion alerts from the camera during set monitoring hours. In the event of a verified threat, such as trespassing or vandalism, the chosen primary contact will be notified and given the choice to request emergency services or dismiss the alert. If the primary contact does not reply, emergency services will be dispatched to the jobsite.

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