TrueLook Security Solution System Specifications

TrueDeter Fixed Security Solution

Product Description

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

Camera Specifications

The camera on the TrueDeter system shall meet or exceed the following requirements:

- Resolution: 3840 x 2160
- Live Video Streaming: H.264, H.265, and MJPEG
- Digital Zoom
- Focal Length: 6.2 – 12.9 mm
- Horizontal Field of View: 108˚
- Vertical Field of View: 58˚
- Weight: 3.4 lbs
- Camera Dimensions: 5.2 x 11 in
- Operational Conditions: -40° – 140° F
- IR Range: 40m or more
- Power Draw: Average of 2.2 A or 26.4 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
- Enclosure Ratings: IP66/67 (dust and water), IK10 (impact and vandalism), NEMA 4X (corrosion and weather), UL 508 (UV resistance and flammability)

TrueDeter Unit Specifications

The security solution system will meet or exceed the following requirements:

- Weight: 8.6 lbs

- System dimensions: 18.75 x 7.5 in

- Maximum sound level: >110 dB

Jobsite Monitoring Service Specifications

This Security Solution includes 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.

Operational Sequence

- No Threat: A blue light pulses three times every 15 seconds around the clock to act as a visible deterrent.
- Potential Threat: When motion is detected, the camera triggers strobes. The video is then sent to the monitoring center for investigation.
- Confirmed Threat: A monitoring professional triggers faster flashing lights and a loud siren. Your primary contact is notified to choose to request emergency services or dismiss the alert.

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. Client logins never expire, granting access to captured data in perpetuity after service ends.

The following features are included during service:

Live Viewing & Time-Lapsing

- Live Streaming
- Unlimited Custom Time-Lapses
- Photo Album Organization
- Photo Overlay Comparison
- Image Markup Tools
- Mobile Image Uploads
- Image Downloading and Sharing
- Photo and Time-Lapse Slideshows

Intelligent Security

- 24/7 HD Recording
- AI-Powered Motion Alerts
- Customizable Email and Text Alerts
- 30+ Days of Rolling Storage of Recordings
- Option to Save Footage Indefinitely

Other Included Benefits

- Unlimited Users
- Unlimited Media Storage
- Unlimited 4G LTE Data
- Unlimited Support
- 30 Day Money-Back Guarantee
- Single Sign-On (SSO)
- Multi-Project Dashboard
- Sharing Links for Limited Access without a Login
- Integrations with Procore and Autodesk
- Admin Tools, Including User Analytics
- Live Camera Embedding on Websites
- Optional Email Subscription for Project Updates

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 roof 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.