

Mobile TrailerCam Lite

GSA Advantage!
www.gsaAdvantage.gov
#GS-35F-0719P

Self powered budget trailer features mast mounted robotic camera remotely controllable over the Internet.

- Fast, Easy Deployment
- Monitor Construction
- Manage Traffic & Incidents
- Observe Roadway Conditions
- Live Web-Based Collaboration
- Time-Lapse Documentation



Lightweight Robotic Dome Camera

- Wireless operation
- Robotic - 340° rotation, 12x optical, 4x digital zoom
- 30' Telescoping mast
- Intelligent software and sensors
- Real-time remote monitoring of battery usage, voltage level, etc.



Wireless and Solar

Control Center 7 Software Features - www.earthcam.net/software



Project Dashboard



Live Video & Archiving



Weather Documentation



Wireless & Solar Data

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SAN FRANCISCO
SEATTLE
WASHINGTON DC

1-800-EARTHCAM
www.earthcam.net

1. Physical

Dimensions: 12' L x 6' W x 10' H (3.66m L x 1.82m W x 3m H)
Weight: 2800lbs (1270kg)

2. Construction

Single Torsion-type Axle Steel Welded Trailer with 2" Adjustable Ball Hitch and Telescoping Manual Outriggers
DOT Approved Lighting Package to Include Brake and Marker Lights
Trailer Mounted Locking Manual/Motorized 30-Foot Mast with Spiral Conduit for Cable Deployment

3. Battery Bank

Charge Controller with Remote Monitoring
Battery Type: Twelve 6Volt DC Deep Cycle Batteries
45 Amp AC Battery Charge

4. Solar Array

Single Crystal (monocrystalline) Silicon Photovoltaic Modules
Region of Operation: Contiguous United States
Autonomy: 4 Days Battery Backup

5. Camera

Engineered Plastic Upper Dome with Aluminum Wall Mounting Bracket and High-impact, Optically Clear, UV Protected Polycarbonate Lower Dome with Thermostatically Controlled Heater and Defroster
Imager: 1/4" CCD, 1 Lux @ F/1.6
Compression: Motion JPEG / MPEG4
Lens: F-Stop: F/1.6 – F/2.7, Motorized Zoom: 3.8mm – 46mm, 12x Optical, 4x Digital
Resolution: 704 x 480 pixels
Frames Per Second: Maximum 30fps at 4 CIF
Auto Features: Iris, Focus, White Balance, Backlight Compensation, Day/Night Function
Pan/Tilt: Pan Range: +170° to -170°, Tilt Range: 180°
Communication: 10Base-T/100Base – TX Ethernet, IP Addressing: Dynamic or Static
Designed for "EarthCam Control Center – Streaming Video Edition – Robotic with Mobile Support" Software

6. Communication

Wireless Modem EV-DO Rev.A Full Duplex Transceiver with Dual-Band Support for Both 800 MHz Cellular and 1.9 GHz PCS Bands. Forward Link Up to 3.1 Mbps; Reverse Link 1.8 Mbps

7. Interface and Online Software Features

Software Delivered by Vendor as a Managed Service
Displays Company Log and Project Name
Capable of Viewing Actual Live Video
Picture in Picture to View and Control Live Video, While Viewing Additional Data
Robotic Pan, Tilt, Zoom Control of Camera System
Calendar Based Navigation System for Selecting Specific Images
Multifunction Image Browsing
Pan, Tilt and Zoom Capability within a High Definition Image
A Multiview Screen to View All Cameras on Project at the Same Time
Graphical Mark-Up Tools for Detailing and Creating Overlays on Images
Graphical Weather Applet Displaying Ten Points of Local Weather Data and 48-hour Forecast
Remote Solar Monitoring Screen Displaying the DC Amperage Output of Solar Panels
Remote Battery Monitoring Screen Displaying Battery Voltage, Temperature and Status
Remote Cellular Monitoring Screen Displaying Connectivity, Network Traffic and Modem Temperature
Remote Wireless Radio Monitoring Screen Displaying Connectivity, Network Traffic and
Google Map Features Including Wireless Radio Locations
Share Image Tools: Save, Print, Email and Post to Message Board or Mobile Devices
Automated Progress Report in PowerPoint, Open Office and PDF Formats
Map, Aerial and Satellite View by Google
Time-Lapse Feature Includes – Instant Time-Lapse Play Back by Day, Week, Month or Year
Machine to Machine Self-Healing Technology Automates Maintenance of Camera Up to 288 Times Daily
Account Security Features Include – Four Levels of Password Protection, IP Address Block/ Permission and SSL
Protection of User Login Password
All Images are the Copyright of the Client and Protected on Secure Servers Owned and Operated by the System Vendor