

# Mobile TrailerCam

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

**Self powered trailer features mast mounted robotic camera remotely controllable over the Internet via a password protected website.**

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



**Pressurized Robotic Infrared Camera System**

- Wireless operation
- Robotic - 360° rotation, 25x optical, 12x digital zoom
- Color by day, Infrared by night
- 30' Telescoping mast
- Intelligent software and sensors
- Real-time remote monitoring of battery usage, voltage level, etc.



**Control Center 7 Software Features - [www.earthcam.net/software](http://www.earthcam.net/software)**



Project Dashboard



Live Video & Archiving



Weather Documentation



Wireless & Solar Data



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**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 Manual Outriggers  
Approved Lighting Package to Include Brake and Marker Lights with Wire Connection  
Trailer Mounted Locking Manual/Motorized 30-Foot Mast with Spiral Conduit for Cable Deployment  
Full Size Spare Tire
- 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: 8 Days Battery Backup
- 5. Camera**  
Nitrogen Charged Powder Coated Aluminum Housing with an Impact Resistant Viewing Window  
Imager: 1/4" CCD, Sensitivity: 0.02 lux NIR Mode/ Low Light, Color/NIR Video Imaging Modes, 470 TV Lines  
Lens: F-Stop: F/1.6 – F/3.8, Motorized Zoom: 3.5mm – 91mm, 25x Optical, 12x Digital, Image Stabilization  
Auto Features: Shutter and Low Shutter Modes, White Balance, Focus  
Pan/Tilt: Accuracy: 0.5 Degrees, Pan Range: 440° at Speed of 0.5°-80°/s, Tilt Range: 240° at Speed of 0.3°-30°/s
- 6. EarthCam Webcaster**  
Single Channel Video Server Webcaster 5001, Frames Per Second: 30fps, Compression: Motion JPEG, MPEG  
Events Triggered by Motion Detection, External Inputs or Schedule and Alarm Notification Via E-mail, TCP, HTTP  
Communication: 10Base-T/100Base-TX Ethernet, IP Addressing: Dynamic or Static  
Designed for "EarthCam Control Center – Streaming Video Edition – Robotic with Mobile Support" Software
- 7. Communication**  
Wireless GPS 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 and Real Time GPS Reporting
- 8. Interface and Online Software Features**  
Software Delivered by Vendor as a Managed Service  
Displays Company Logo 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  
Graphical Weather Applet Displaying Ten Points of Local Weather Data  
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