

TrailerCam - Megapixel Advanced

Self powered trailer features mast mounted, 12 megapixel HD fixed position camera with live video and maintenance-free wiper system.

- Fast, Easy Deployment
- Perfect for Printing, Archiving and Presentations
- Large High Definition Images: 4,288 x 2,848
- Promote Progress on Public Websites
- Compare and Share Engineering Milestones
- Reduce Travel and Enhance Green Initiative



MegapixelCam Advanced with maintenance-free wiper

- Wireless operation
- Self generated solar power
- 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

- 1. Physical**
Dimensions: 14.73' L x 7.5' W x 8.4' H (4.49m L x 2.31m W x 2.56m H)
Weight: 2800lbs (1270kg)
- 2. Construction**
Single Torsion-type Axle Steel Welded Trailer with 2" Adjustable Ball Hitch Manual Outriggers
DOT Approved Lighting Package to Include Brake and Marker Lights
Trailer Mounted Locking Manual/Motorized 42-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**
500 Watt Solar Array Made of Single Crystal (monocrystalline) Silicon Photovoltaic Modules
- 5. Camera**
Powder Coated Aluminum Housing with Stainless Steel Fittings for Padlocks
Impact Resistant Viewing Window, 0.25" (6.35mm) Thick
Two UL Rated Compression Glands, Gas Spring Lid, Adjustable Camera Sled
Imager: 12.3 Megapixels (4288 x 2848 Pixels), 15.8mm x 23.6mm CMOS Image Sensor
Lens: F/3.5-5.6, 18mm – 55mm, 3x Optical
Auto Features: ISO, Shutter, White Balance and Focus
Video Compression: Motion JPEG, Preview: 640 x 480 Streaming Video Resolution
Communication: 10Base-T/100Base-TX Ethernet, IP Addressing: Dynamic or Static
Designed for "EarthCam Control Center - Megapixel Edition – Fixed with Mobile Support" Software
- 6. 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
- 7. 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 Live Video, While Viewing High Definition Images
Calendar Based Navigation System for Selecting Specific Images
Multifunction Image Browsing
Pan, Tilt and Zoom Capability within a High Definition Image
Onscreen Control Button for Wiper Control to Allow Remote Cleaning of the Viewing Window
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
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