

ConstructionCam

Monitor your projects *LIVE* with our fastest streaming video system

- Live real-time project management
- Robotic streaming video with powerful 420x zoom
- Maintenance-free wiper system
- Professional quality 1-chip network camera
- Network, digital and 30fps video output
- Privacy and zone masking capabilities
- Integrated electronic image stabilization
- Heater and fan in an all metal housing



Control your cameras remotely from your desktop or mobile device
www.earthcam.net/technology

Camera Options:



Solar Power System

- Fully Autonomous System
- Remote Monitoring & Diagnostics
- Circuit Breaker & Fuse Protected
- Automatic Shutdown & Recovery



Wireless Communications

- 3G/4G Wireless Technologies
- Mobile Broadband Service
- Point-To-Point Microwave Wireless
- Wireless ISP



DOWNLOAD ELECTRONIC VERSION OF THIS SPEC

<http://www.earthcam.net/aespecs/constructioncam>

For additional EarthCam A&E specs visit: <http://www.earthcam.net/aespecs/systems>

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SEATTLE
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1-800-EARTHCAM
www.earthcam.net

- 1. Physical**
Dimensions: 17.45" H x 7.7" W x 13.3" D (44.3cm H x 19.56cm W x 13.78cm D)
Weight: 21 lbs (9.5 kg)
- 2. Environmental**
Operating Temperature: - 50°F to +122°F (- 45°C to + 50°C)
Thermostatically Controlled Heater and Defroster
- 3. Construction**
Die Cast, Extruded, and Sheet Aluminum Powder Coated All In One Housing and Pan/Tilt with Stainless Steel Locking Hardware for Padlocks, Spring Assist Lid, Windshield Wiper and 0.23 Inch Thick Optically Clear Tempered Glass
Pan Tilt: Pan Range: 360° Continuous Rotation, Tilt Range: +33° to -83°
- 4. Camera**
Imager: 1/4" Progressive CCD
Sensitivity: 0.55 lux @ 1/60 Sec Shutter (Color), 0.063Lux @ 1/4 Sec Shutter (Color), 0.00018Lux @ 1/2 Sec Shutter (B/W), Integrated Electronic Image Stabilization
Resolution: 540 TV Lines NTSC and PAL
Lens: F/1.4, 3.4mm – 119mm, 35x Optical - 12x Digital
Auto Features: Iris, Focus, And White Balance
Electronic Image Stabilization
- 5. 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 the "EarthCam Control Center - Streaming Video Edition - Robotic with Mobile Support" software
- 6. Electrical**
Operational Voltage: 120VAC (230VAC Available), Power Consumption: 80W
- 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
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
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
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