



# MegapixelCam Advanced

**12 megapixel HD fixed position camera**



- Live Video and HD Images in One Camera
- Solar and Wireless Camera Technology
- Maintenance-Free Washer and Wiper
- Integrated Cooling System



Private Access for Executives



Public Website for Marketing



Installation and Maintenance



HD Archives and Time-Lapse Movies

## 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



### Remote Powerwasher and Maintenance Kit

- Remote or Timed Actuation
- 23 Liter Capacity
- Remote Low Fluid Alert
- 5m and 30m pump height options

- 12MP large High Def images: 4,288 x 2,848
- 640 x 480 live streaming video preview
- Superior quality time-lapse playback
- Digital Pan/Tilt/Zoom and presets
- Heavy-duty enclosure with heater and fan
- Maintenance-free wiper system
- Fast, dependable, solid state Linux system
- Perfect for printing, archiving and presentations



DOWNLOAD ELECTRONIC VERSION OF THIS SPEC

<http://www.earthcam.net/aespecs/12megapixelcamadvanced>

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



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NEW YORK  
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**1-800-EARTHCAM**  
[www.earthcam.net](http://www.earthcam.net)



- 1. Physical**  
Dimensions: 10.55" W x 6.19" H x 26.5" L (26.79cm W x 15.72cm H x 67.31cm L)  
Weight: 16 lbs (7.26 kg)
- 2. Environmental**  
Operational Temperature: -10°F to + 120°F (-23°C to +49°C)  
Thermostatically Controlled Heater and Blower  
Wiper to Remotely Clean the Viewing Window  
24/7 Operation in All Weather Conditions
- 3. Construction**  
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
- 4. Camera**  
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
- 5. Electrical**  
Operational Voltage: 120VAC (230VAC Available). Power Consumption: 130W
- 6. 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  
HD Snapshot on Demand  
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  
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