MULTIVISTA
CONSTRUCTION DOCUMENTATION

MULTIVISTA WEBCAM

STREAMING NOW!

When you choose Multivista for your project documentation needs, you are choosing a well developed and respected project information platform. Our exclusive web-based system was the first to digitize the construction photo documentation process. We upload, link, manage and host all of your content for you, allowing you to interact with your content and your project team anytime, anywhere.

With Multivista Webcam service, you can expect the same comprehensive project documentation you have come to rely on for real-time access to your project activity.

We Make It Easy:

We help coordinate every detail from webcam setup to hosting the footage on the Multivista Documentation System, right along side the rest of your comprehensive documentation. We also monitor the camera 24/7/365 to facilitate immediate troubleshooting should any issues arise.

Included Services:

SETUP:
- ➤ On site verification of camera mounting and network setup
- ➤ Camera positioning and manual focus adjustment as required
- ➤ Camera optimization for available bandwidth and lighting
- ➤ Configuration of Pan Tilt Zoom (PTZ) pre-sets and boundaries
- ➤ Integration into existing Multivista projects

HOSTING:
- ➤ All data is secured and stored in Tier IV data centers with Multivista's industry leading hosting partner
- ➤ No software installs – the Multivista webcam user interface utilizes the most common web technologies
- ➤ Intuitive Pan-Tilt-Zoom controls and location pre-sets for cameras that support PTZ functionality
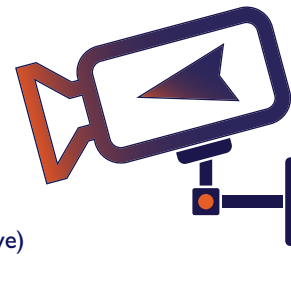
MONITORING:
- ➤ 24/7/365 automated monitoring
- ➤ Remote troubleshooting and follow-up by network technicians in the event of camera downtime

The Multivista Advantage:

- ➤ Live stream 24/7
- ➤ Many-user concurrent access of webcams
- ➤ Archived images generated every 15 minutes during onsite hours
- ➤ Project camera dashboard for projects with multiple cameras
- ➤ Add TeamTalk™ comments for dialogue between project team members
- ➤ Capture image snapshots of the live stream to create your own slideshow.
- ➤ Generate slideshows with customizable recurrence (daily/weekly/monthly)
- ➤ Time lapse video creation (available on demand after 60 days of the camera going live)
- ➤ Display live stream video on your company website
- ➤ Mobile access – live stream can be viewed on iPhone, iPad and Android devices
- ➤ Calendar view of archived images for easy reference
- ➤ Display and record live weather where applicable

M'AKOLA ILBC ASSISTED LIVING FACILITY
Construction Webcam #2

M'akola ILBC Assisted Living Facility
Dec 19 2011 12:00PM

Overcast
40F°
North at 0 MPH

Select Preset

Mode ○ Live View ○ Archive

December 2011
« ‹ Today › »

S	M	T	W	T	F	S
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
12	19	20	21	22	23	24
25	26	27	28	29	30	31

12:00 PM

Mode ○ Live View ○ Archive

VI40116

MULTIVISTA WEBCAM SPECIFICATIONS:

Multivista Webcam service allows users anytime access to live conditions of their construction site from either a Fixed Dome Camera or Pan Tilt Zoom (PTZ) Dome Camera.

Multivista uses only the highest quality equipment from established IP Camera and Networking Equipment OEMs including Axis Communications, Ubiquiti Networks, and Feeney Wireless.

Equipment Specifications:

Fixed Dome Cameras:

- ➤ 5-megapixel day and night fixed dome network camera
- ➤ Full frame HDTV 1080p 1920 x 1080 resolution (SMPTE 274M standard)
- ➤ 16:9 aspect ratio and frame rate
- ➤ Up to 2592 x 1944 resolution
- ➤ P-Iris control system
- ➤ Vandal-resistant and weather-proof for harsh construction environment
- ➤ Power over Ethernet (PoE) (IEEE 802.3af) only via (included) Midspan Device: 100-240VAC, max 74
- ➤ Weight: 3.7lb (1.7.kg)
- ➤ -40 °C (-40 °F) to +55 °C (+131 °F), powered by standard Power over Ethernet (IEEE 802.3af) only.

PTZ Dome Cameras:

- ➤ Full frame HDTV 1080p (SMPTE 274M standard)
- ➤ 16:9 aspect ratio and frame rate
- ➤ 20x optical zoom with auto-focus and 360° endless pan (comparable to 4CIF-resolution camera with more than double the optical zoom)
- ➤ 450° per second pan/tilt response
- ➤ Pan/tilt/zoom: 360° Pan / 220° Tilt, and 20X Optical
- ➤ Resolution: Up to HDTV 1920 x1080
- ➤ Power: High Power over Ethernet (PoE) via (included) Midspan Device: 100-240VAC, max 74W
- ➤ Weight: 7.7lb (3.5kg)
- ➤ Operating Conditions: -40 °F to 122 °F (-40 °C to 50 °C)

MULTIVISTA WEBCAM FAQ'S:

What do I need to have on hand to have a Webcam set up on my jobsite?
1) A high speed internet connection (with static, publicly available IP address) or be within range of a cellular signal.
2) Suitable mounting location.
3) 110 VAC power.
4) Onsite IT contact.

What do I need to know about finding a suitable location for a camera?
1) You can mount to a pole, wall, crane, roof parapet. We supply either pole or wall mounts for our cameras based on your requirements.
2) A clear unobstructed view of the site or area of interest. Keep in mind changes or deliveries to the site during the course of construction that might block the view or interrupt connectivity.
3) Locate the camera where you can access it.

Can the camera be moved "mid" project?
Yes. This might be necessary for a number of reasons, whether it is at a certain planned stage of the project, or when a situation arises making the current location unsuitable. Call your local Multivista branch for assistance in moving any installed camera(s).

How do I get power to the camera?
There are two ways to get power to the camera:
1) If you are within 328' of your internet connection and can run a line to the camera, you can run an outdoor rated CAT5e/6 line from the power supply and internet connection to the camera. This line will supply both power and internet connectivity and is the preferred way to connect to a webcam.
2) Your electrical contractor can run a line supplying 110VAC directly to the outdoor NEMA enclosure that we will provide when using a wireless or cellular solution.

What if I can't get internet to my project?
We have a cellular solution that will connect your camera to the internet from almost anywhere in North America. We will still be able to deliver you a limited live image stream and full PTZ and archive functionality.

What if my internet connection is further than PoE will allow for (greater than 328')
We have you covered with a robust outdoor wireless option that will transmit a point-to-point high speed signal within 2500' of the internet source.

What if I would like a webcam to cover my project but I don't have the time to deal with coordinating the installation?
Our trained staff can take care of this process for you. We can either procure a local contractor or work with your existing onsite trades to carry out the installation and coordinate the necessary connections to access your camera on the web.

What is the lead time?
You can expect your equipment in 2-5 business days. Installation will depend on the complexity of the installation and the labor force available to perform the necessary tasks. Ask our local staff for the specifics that relate to your project.

Does Multivista install the cameras and related equipment?
No. We will coordinate with you or the trained professionals required for a given installation. Our camera systems can be easily installed by onsite staff in most situations and Multivista will carry out, or coordinate, the internet hook-up specifics.

Can we use the camera once the project is complete?
Yes, you own the camera outright. The camera is yours to use as needed and can be transferred to your next project.

What if I want to upgrade my camera for my next project?
Ask your local branch about the great deals available when upgrading your camera. We also have upgrade deals available if you have existing cameras that weren't purchased through Multivista.

MULTIVISTA WEBCAM FAQ'S (CONT.):

Cameras and Equipment

What is a fixed camera?

A fixed camera is a camera that requires the aim of the camera to be manually set. Pan and Zoom features are only accessible within the digital image itself and not a function of moving the lens or its focal point.

What is a PTZ camera?

A PTZ camera has motorized control of the aim in Pan, and Tilt, and can adjust the focal point with the motorized Zoom control. Our PTZ cameras can rotate a full 360° and tilt through 220° as well as optically zoom up to 20X in focal length. This can all be accomplished on the Multivista Documentation System that you can access online 24/7 within your Multivista project documentation.

What is PoE?

PoE is an acronym for "Power over Ethernet". Our cameras can use the ethernet cable to supply both power and internet connectivity to the camera. This is our preferred method to attain the fastest and most robust connection between the camera and your project on the Multivista website.

What is a "wireless" connection?

A wireless connection is made with outdoor, all weather, antennas that transmit a 5.8 GHz signal to communicate with a camera from the internet source. This is point-to-point transmission requiring a line of site between the host antenna, connected to the internet source, and the client antenna, connected to the camera. This connection is preferred when we are unable to run a wire from the internet source to the camera as it is a more robust and higher speed alternative to cellular connectivity.

What is involved with a cellular connection?

If we are unable to acquire an internet connection for the site, we need to connect via a cellular modem. We use NEMA rated enclosures with electronic equipment suitable for outdoor use. This is sometimes the simplest installation method as the only requirement is to deliver 110VAC power to the enclosure. The enclosure contains the cellular modem and the power and internet connection to the camera.

Is weather a concern?

No. The cameras that we use are designed for harsh climates. They are housed in all-weather enclosures capable of operating within -40 °C (-40 °F) to +55 °C (+131 °F).

What software do I need to view my camera on the web?

If you can view your Multivista project on the web, you are already setup to start viewing your Multivista Webcam feeds online.

Do your cameras record live video?

This is not supported at this time.

Can the cameras be mounted indoors?

Yes. The cameras can be mounted indoors and there are indoor specific versions of the outdoor cameras that we use.

Multivista User Interface (UI)

What features are standard on the Multivista UI?

➤ Live stream 24/7
➤ Calendar to view archived images taken every 15 minutes during onsite hours
➤ Time lapse video creation (available on demand after 60 days of the camera going live)
➤ Create your own slideshows, capture areas of interest, and document live events
➤ Print and e-mail archived images
➤ Display and record live weather where applicable