

iBEAM Systems

OnSite®

remote-controlled visual access system

- See what you've been missing.
- Remote control from your computer.

The OnSite System gives you instant, interactive visual access to your projects.

Monitor Construction

View multiple construction sites from your office. Automatically snap and save pictures of the progress on each site.

Promote Your Projects

Highlight your company's portfolio. Imbed live image streams on your website so investors can check on the progress of their project.

Protect Your Jobsite

Keep track of activity on the jobsite. Image capture can be triggered by motion detectors or other devices. Captured images can be automatically forwarded to preset e-mail addresses.

Meeting the Demands of Construction

Superior Optics with Pan/Tilt/Zoom Control
OnSite's wide-ranging remote-controlled pan/tilt/zoom capabilities allow viewers to see exactly the image they desire.



Up to 9 preset viewing angles let you highlight certain areas of your project.

Restrictions on camera angles and magnifications can be set to prevent viewers from seeing certain areas and to protect privacy.

Precision pan/tilt mechanism minimizes shaking and vibration.

16x optical zoom lens is controlled by a high-speed auto-focus engine.

High Image Quality and Transfer Rate

Images are crisp and bright.

Transmission speeds of up to 30 frames per second can be achieved.

Secure

The live images can be displayed on your company's public website or on a password-protected, dedicated web page. User access can be restricted.

Automatic

Pictures can be automatically captured, triggered by a sensor or on a preset schedule.

Flexible

OnSite software gives you unrestricted control of the system, allowing you to automatically collect, store, and manage still images.

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SYSTEM SPECIFICATIONS

- Image Sensor: 410,000 pixels (380,000 effective)
- Zoom: 16x optical
- Minimum Object Brightness: 6 lux
- Pan Angle Range: 340°
- Tilt Angle Range: 100°
- Video Standard: NTSC
- Horizontal Field of View: 3 to 47.5 degrees (65 degrees with wide angle lens adapter)
- White Balance: auto
- Exposure: auto/manual
- Focus: auto/manual
- Pan Speed: 1 to 90 degrees/sec
- Tilt Speed: 1 to 70 degrees/sec
- Camera Angle Presets: up to 9 presets

- Power: AC adapter (100-240V, 50/60Hz) included, power consumption 25 W or less, DC 11.5V-14V
- Operating Temperature: Standard -20° F to +120° F; with optional cold weather kit -50° F to +120° F
- Operating Humidity: 20-85% non-condensing

- Protocol: TCP/IP, HTTP, BOOTP, FTP, SMTP
- Image: Compression Technique Motion-JPEG (Image quality range 1-99), JPEG (for still images)
- Image Compression Rate: 0.1-30 fps (variable)
- Output Image Size: 160 x 120, 320 x 240, 640 x 480
- Display Image Size: 80 x 60, 160 x 120, 320 x 240, 640 x 480, and full screen size

- Control Operations: Field of view, control time, number of camera control participants
- Network Operations: Access restriction (password/host), video connection time
- Image storage: Flash memory card (optional)
- Simultaneous Client Access: up to 50 (Max.)

SOFTWARE SPECIFICATIONS

Java Viewer

- CPU: Pentium III 600 MHz or better
- Operating System: Windows Me/Windows 2000 (Service Pack 1.0, 2.0, 3.0/Windows XP
- Web Browser: Internet Explorer 5.0, 5.01, 5.01 (service pack 1, 2) 5.5, 5.5 (service pack 1, 2), 6.0, 6.0 (service pack 1)
- Memory: 128 MB or better
- Hard Disk: Available space of 50 MB or better
- Monitor: XGA (1,024 x 768) or better with high-resolution 16-bit color display or better

OPTIONS

- Connect up to 4 cameras
- Infrared camera
- Wireless capability
- Viewer for Pocket PC

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