



FEVision180

MS Security & Surveillance Solutions

360°x180° Security & Surveillance Viewing Solution

Our world leading FEVision180 security and surveillance system utilises a high-resolution CCTV camera and fish eye lens to capture images day or night. Our system captures and corrects the normally distorted 360° x 180° fish eye image and converts it into a flat 360° x 180° image.

Using a high resolution CCTV camera and fisheye lens, we capture a larger field of view than conventional cameras while eliminating the need for a mechanical pan/tilt motor. Our system then allows simultaneous viewers to independently monitor and zoom or pan the same digital image on a stand-alone computer or as part of a network over the Internet or intranet.



Fish eye image

The FEVision180 security and surveillance solution allows you to capture a larger field of view (360° x 180°) day or night with no blind spots. This reduces the complexity of a multi-camera system particularly for sensitive areas.

Features

Converted 360° x 180° flat image.

- Using a mouse to digitally pan, tilt and zoom within the converted 360° x 180° flat image.
- Simultaneous independent viewing of the same image.
- Eliminate the need for mechanical pan/tilt motors.
- Reduce the complexity of multi-camera system.
- Day or night 360° x 180° field of view, with no blind spots.
- View and monitor the images over the Internet or intranet.
- Live monitoring with easy installation and improved safety.
- Improved security with reduced camera size and covert configurations.
- Reduced initial outlay and maintenance costs with reduced number of cameras.
- Two cameras back to back will give a 360° x 360° field of view image.



Contact us and we will help you define a system to meet your needs!



FE Vision 180

Basic System Requirements

- Intel Pentium 1Ghz, 256Mb RAM, 40GB HDD.
- Windows 98/2000.
- Microsoft Internet Explorer v.5.0 or higher.
- Network, Modem or ADSL broadband connection.
- Network Camera with 968 lines of resolution or greater
- Fish eye lens with 180-degree field of view.

Comparative JPEG file sizes, measured on hard disk in kilobytes

| Window size | Extra Low compression | Medium compression | High compression | Extra High compression |
|-------------|-----------------------|--------------------|------------------|------------------------|
| 320 by 240 | 25KB to 50KB | 12KB to 24KB | 9KB to 18KB | 6KB to 12KB |
| 640 by 480 | 100KB to 200KB | 35KB to 70KB | 22KB to 44KB | 12KB to 24KB |
| 1024 by 768 | 200KB to 400KB | 70KB to 140KB | 45KB to 90KB | 25KB to 50KB |
| 1288 by 968 | 300KB to 600KB | 100KB to 200KB | 60KB to 120KB | 40KB to 80KB |

Hard Disk Capacity

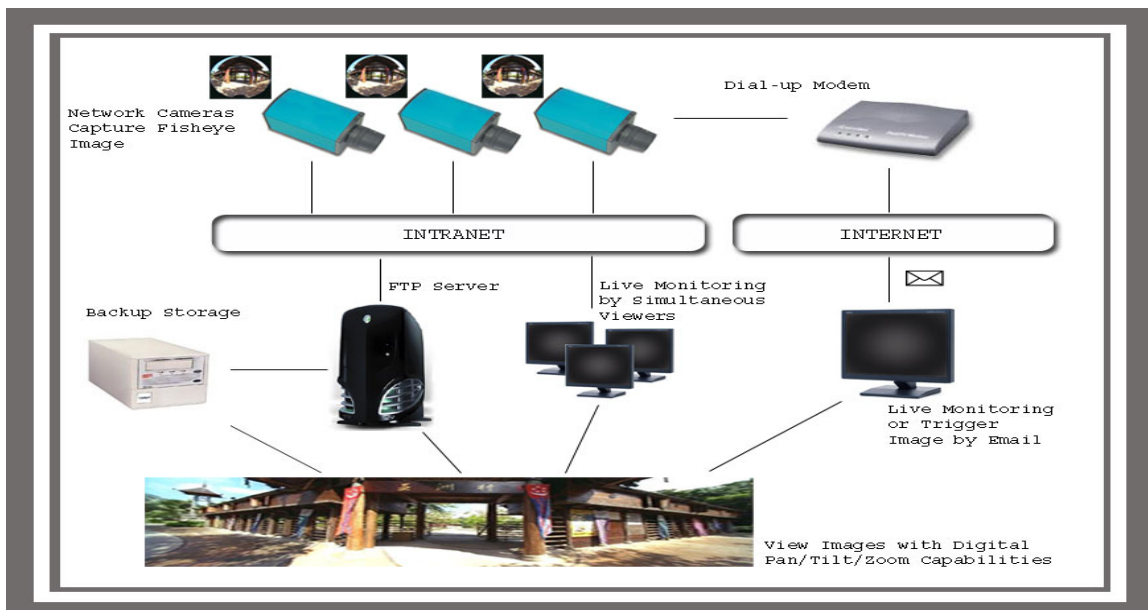
Single image size: 450KB

Trigger image per second: 40GB per day (24 hrs)

Trigger image per 5 second: 10GB per day (24 hrs)

Note: value approximation based on maximum size (1288x968), Extra Low compression, actual value may vary.

Typical System Configuration



MS Systems Software Sdn Bhd

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