

# EV8150A Series IP Camera

Superior Image Quality CCD and H.264 Compression Format  
Guarantee the Best Image at Low Bandwidth



H.264

Audio

PoE

Wi-Fi

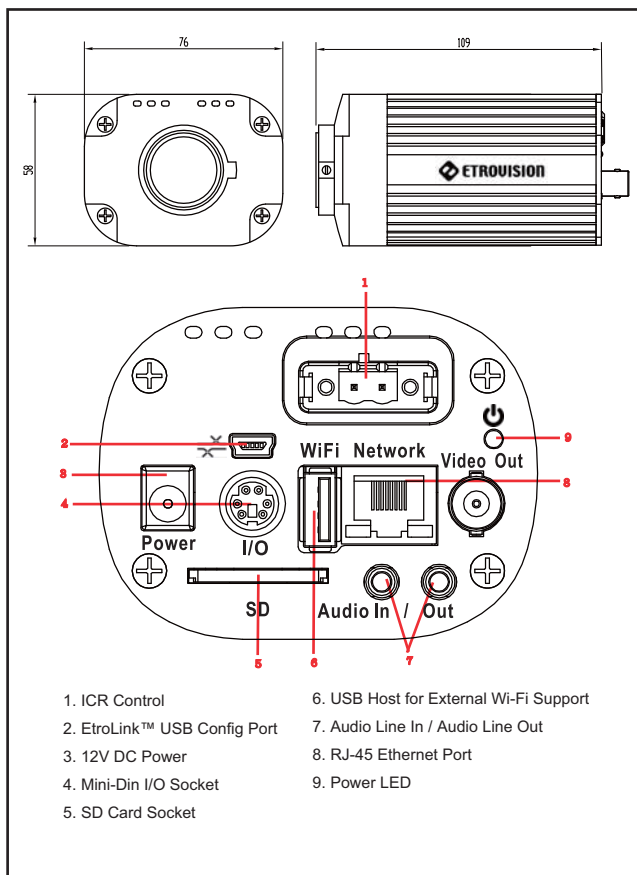
Day & Night

SD

## Features

- 1/3" Progressive Scan 1.3 Megapixel
- CS Mount Lens Changeable
- 1.0 Lux Minimum Illumination
- Image Control: AES/ALC, AGC, AWB, MIRROR
- H.264, MPEG-4, M-JPEG Dual Streams Simultaneously
- Up to SXVGA Resolution at 15fps
- Digital In x 1 ; Digital Out x 1, RS-485 x 1
- Power over Ethernet (Built-in)
- External Wi-Fi Dongle Support
- SD Card for Event Recording
- Up to 20 sec Video Buffer
- ARM 9 Based 32-bit RISC
- File / Clip Upload via FTP and Email,  
Notification via Email, External Output Activation

## Dimensions



## Specifications

|                                  | Model  | EV8150A   |
|----------------------------------|--|---|
| Camera                           | <b>Image Sensor</b>  | 1/3" 1.3 Megapixel Progressive Scan Sensor  |
|                                  | <b>Lens</b>  | CS Mount Type, Lens Changeable  |
|                                  | <b>Minimum Illumination</b>  | 1.0 Lux @ F1.2  |
|                                  | <b>Shutter Time</b>  | 1/5~1/2000 sec (60Hz); 1/5~1/2000 sec (50Hz)  |
|                                  | <b>Number of Effective</b>   | 1280 x 1024   |
|                                  | <b>Auto Iris</b>   | N/A   |
|                                  | <b>Frequency</b>   | 50/60 Hz Switchable   |
|                                  | <b>Sync System</b>   | N/A   |
|                                  | <b>Resolution</b>  | N/A   |
|                                  | <b>S/N Ratio</b>   | N/A   |
| Video / Audio                    | <b>Video Compression</b>   | M-JPEG, MPEG-4, H.264 Format Selectable   |
|                                  | <b>Resolutions</b>   | SXGA(1280x1024), VGA(640x480), QVGA(320x240), QQVGA(160x120)  |
|                                  | <b>Frame Rate</b>  | 15 Fps @ SXGA, 30 Fps @ VGA   |
|                                  | <b>Video Streaming</b>   | Simultaneous Dual Stream Controllable Frame Rate and Bandwidth  |
|                                  | <b>Image Settings</b>  | Compression, Brightness, Contrast, Exposure Control, White Balance, Mirror  |
|                                  | <b>Bit Rate</b>  | M-JPEG: 5 Video Quality Level Selectable; MPEG-4/H.264 : 64K~4Mbps  |
| Network                          | <b>Audio</b>   | Audio In/Out : ADPCM  |
|                                  | <b>Security</b>  | Password Protection   |
|                                  | <b>Supported Protocols</b>   | TCP/IP, DHCP, PPPoE, HTTP, DDNS, NTP, FTP, SMTP, UDP, RTP, RTSP, 3GPP, UPnP   |
| System Integration & Maintenance | <b>Application Programming Interface</b>   | EtroSDK™ 3.0  |
|                                  | <b>Intelligent Video</b>   | Video Motion Detection  |
|                                  | <b>Alarm Events</b>  | Intelligent Video, File Upload via FTP and E-mail, Notification via E-mail, External Output Activation, File Recording to Local SD Card                     |
|                                  | <b>Video Buffer</b>  | Pre-and Post Alarm Buffer up to 10-sec  |
|                                  | <b>Configuration</b>   | EtroScan™ Utility   |
|                                  | <b>Web Browser</b>   | Microsoft Internet Explorer 6.0, or Above   |
|                                  | General  | <b>Casing</b>   |
| <b>Dimension</b>                 |  | 76(W) X 58(H)X 109(D) mm  |
| <b>Processor and Memory</b>      |  | ARM9 Base SoC, 128MB RAM, 16MB Flash  |
| <b>Power</b>                     |  | 12V DC / 1A, PoE  |
| <b>Connectors</b>                |  | RJ-45 for 10BASE-T/100 BASE-TX, DC Jack ,EtroLink™, Iris Control Adaptor, Mini Din (DI/DO/RS485), USB A-Type Female, SD/SDHC Card Slot, Audio In, Audio Out |
| <b>CPU</b>                       |  | Pentium 4, 2.4GHz and Above   |
| <b>Hard Disk</b>                 |  | 80 GB or Above  |
| <b>Memory</b>                    |  | 512 MB or Above   |
| <b>Operating System</b>          |  | Windows XP with SP2 or Above / Windows 2000 with SP4 or Above   |
| <b>Video Resolution</b>          |  | SVGA or XGA with 1024x768 Resolution  |
| <b>Software</b>                  |  | DirectX 9.0C or Above   |
| <b>Operating Conditions</b>      |  | Temperature: 0 °C ~ 40 °C (32 °F ~ 104 °F)<br>Humidity: 20% ~ 80% RH  |
| <b>Power over Ethernet</b>       |  | Yes   |
| <b>Approvals</b>                 |  | CE, FCC, RoHS   |
| <b>Weight</b>                    | 400g   |   |
| <b>Included Accessories</b>      | Power Adapter, USB Cable, CD-ROM<br>(User Manual, Free Bundle NVR), Mini Din Cable |   |