

# EV8580Q IP Camera

## 3 Megapixel Vandal Proof Dome IP Camera



H.264

Audio

PoE

Day&Night

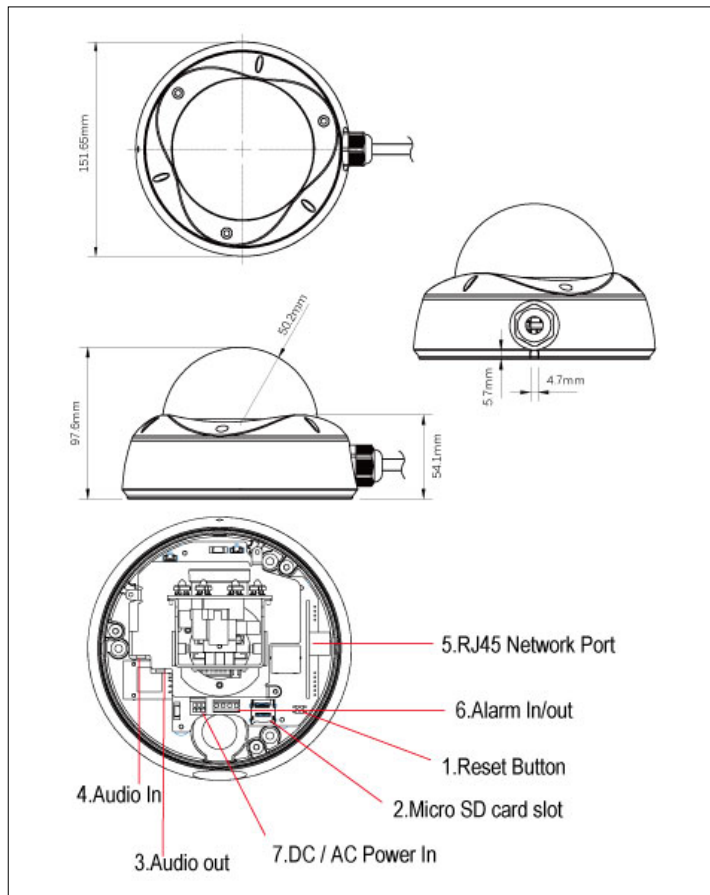
IP66

SDHC

### Features

- 1/2.5" 3 megapixel resolution at 20fps
- 0.1lux @ F1.2 with 15m IR illumination
- Day / Night Mode, built-in ICR
- Two-way Audio, built-in Microphone
- H.264 / MPEG-4/ M-JPEG
- 4 ROI with independent streams
- Vandal-proof, IP66
- SD/SDHC auto-recovery/Reset
- 802.3af standard A/B compliant PoE

### Dimensions



Ver. 4.1 - 2010-08-23

### Specifications

|                      | Model  | EV8580Q  |
|----------------------|--|--|
| Camera               | Image Sensor   | 1/2.5" 3MPix CMOS  |
|                      | Num. of Effective Pixels (HxV)   | 2048x1536  |
|                      | Lens   | 2.8-10mm Vari-Focal, F1.3  |
|                      | Minimum Illumination   | 0.1lux @ F1.2  |
|                      | Shutter Time   | 1/3s-to-1/6400s or 1/4s-to-1/8000s Selectable  |
|                      | Auto IRIS  | DC-Iris  |
|                      | S/N Ratio  | More than 38dB   |
|                      | Day/Night  | YES, built-in ICR  |
|                      | Video Compression  | Motion JPEG, MPEG-4, H.264 High Profile  |
|                      | Video & Audio  | H.264  |
| MJPEG                |  | <b>U series:</b> 30fps@HD-1080p / HD-720p / VGA / QVGA / QQVGA<br><b>A series:</b> 30fps@SXGA / VGA / QVGA   |
| MPEG4                |  | <b>F series:</b> 30fps@HD-1080p / HD-720p / VGA / QVGA / QQVGA<br><b>Q series:</b> 30fps@HD-1080p / HD-720p / VGA / QVGA / QQVGA<br><b>U series:</b> 30fps@HD-1080p / HD-720p / VGA / QVGA / QQVGA<br><b>A series:</b> 30fps@SXGA / VGA / QVGA / QQVGA |
| Video Streaming      |  | Multiple Stream : support up to 4 independent streams with ROI(Region of Interest) feature, controllable framerate and bandwidth CBR/VBR   |
| Bit-rate             |  | M-JPEG / VBR mode : 5 Video Quality Level Selectable<br>MPEG-4/H.264 CBR mode : 1M-12Mbps  |
| Video Output         |  | YES, Composite Video   |
| Image Setting        |  | Compression, Brightness, Contrast, Mirroring, Sharpness, AWB, AES, AGC, BLC, Day/Night Mode, WDR, 4 Privacy Mask Regions   |
| Audio Compression    |  | ADPCM, AAC   |
| Audio Input          |  | Built-in Microphone, Line In x1  |
| Audio Output         |  | Line Outx1   |
| Network              | Security   | Password Protection, IP Address Filtering, User Access Privilege   |
|                      | Network Protocol   | TCP/IP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DynDNS, NTP, FTP, SMTP, UDP, RTP, RTSP, RTCP, 3GPP, UPnP, IPv4/v6, SAMBA client (NAS)  |
| System Integration   | App. Integration Interface   | CGI, ONVIF Support   |
|                      | Intelligent Video  | Video Motion Detection   |
|                      | Alarm Trigger  | Periodical Timer, Intelligent Video and external digital input   |
|                      | Alarm Event  | Intelligent Video, File Upload via FTP and E-mail, Notification via E-mail, External Output Activation, File Recording to SD Card Remote FTP or Remote NAS   |
| General              | Video Buffer   | 24MB Max.  |
|                      | Configuration  | EtroScan™ Utility, Web UI  |
|                      | Web Browser  | Microsoft Internet Explorer 7.0, or Above  |
|                      | Local Storage  | micro SD Card Support  |
|                      | Casing   | Metal (Aluminum), IP66, Vandal-proof Protection Level  |
|                      | Dimension  | 4" fixed dome: φ155 x 105(H) mm  |
|                      | Weight   | 1100g  |
|                      | Processor and Memory   | ARM9 Base SoC, 256MB RAM, 128MB Flash  |
|                      | Power  | DC: 8-25V, AC: 24V, Power over Ethernet  |
|                      | I/O Connector  | 1) RJ45 Female Type 10BASE-T/100BASE-TX<br>2) 3-pin Terminal Block for DC or AC Power Input<br>3) Audio Line In/Out 4) Alarm In/Out<br>5) micro SD Card Slot 6) Video Out Wafer  |
| Failover             | SD/SDHC auto-recovery, Reset   |  |
| Operation Conditions | -25°C~55°C (-13°F~131°F) Humidity: 20%~80% RH                          |  |
| Power over Ethernet  | 802.3af standard A/B compliant   |  |
| Wireless Support     | N/A  |  |
| Included Accessories | QIG, Power Adapter, Power Cable, CD-ROM (User Manual, Free Bundle NVR) |  |
| Approvals            | FCC Part15 SubpartB<br>CN EN55022 ClassB, EN55024<br>LVD, RoHS         |  |
| IR Range             | 15M  |  |
| Number of IR LED     | 28   |  |
| IR Angle             | View angle:25°/40°   |  |
| IR Wavelength        | 850nm  |  |

