# GV-IP CAM 1.3M VARIFOCAL CAM D/N (lens built in)

- 1.3 megapixel SONY progressive scan CCD
- Dual streaming support MJPEG and MPEG4
- Two way audio
- Digital I/O: 1 IN, 1 OUT
- Support both 12V DC and PoE
- Video Motion Detection reduces bandwidth and storage
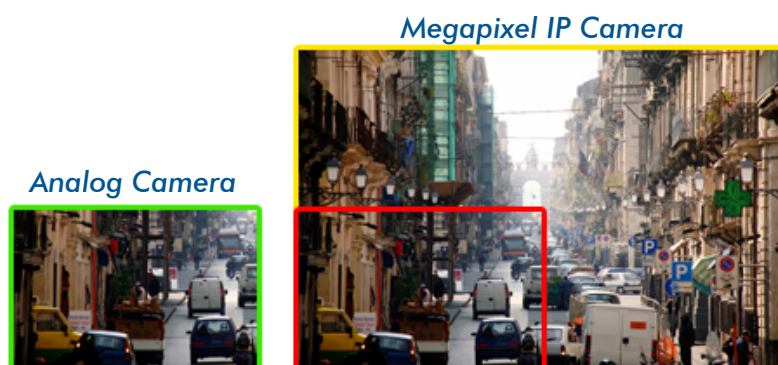- 3GPP/ISMA mobile application
- Privacy Mask
- Visual Automation

Providing detail not seen on conventional surveillance cameras, the GV-IP Camera 1.3M features a 1.3 megapixel CCD that delivers superb video image quality. Through the use of progressive scan CCD sensor, the GV-IP Camera 1.3M is able to reproduce ultra smooth video images of fast moving objects without any pixilated edges. With high definition up to 1280 x 960 and up to 4 times higher resolution than conventional VGA/ D1 cameras, the GV-IP Camera 1.3M allows users to monitor critical areas with greater detail than ever. Moreover, with simultaneous/dual video stream and support for compliant Power-over-Ethernet (PoE) which simplifies the cabling. It allows users to view both MJPEG images and MPEG-4 videos with improved efficiency while conserving valuable bandwidth.

In providing our customers with a more complete, cost-effective IP surveillance solution, our GV-IP Camera 1.3M can seamlessly integrate with our GV-NVR software system that comes with advanced monitoring and various other video management features. When connected with the GV-IP Camera 1.3M, Special web interface support functions such as privacy mask, visual automation, picture-in-picture (PiP) view and picture-and-picture (PnP) view are also made available for facilitating detail monitoring.
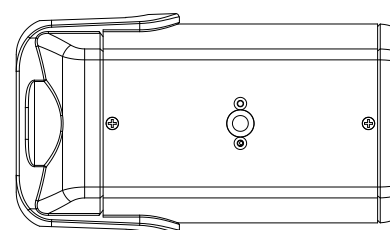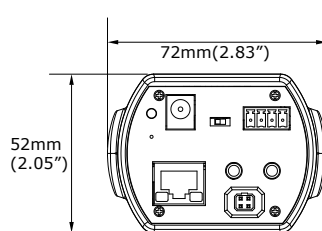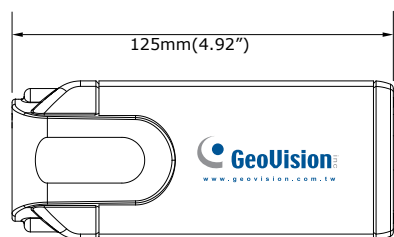
Progressive scan CCD captures the entire scene of a moving object at the same time. Even and odd fields are scanned simultaneously. It reproduces smooth video quality without pixilated edges.



It provides up to 4 times higher resolution than common VGA/D1 cameras.

# SPECIFICATIONS

| 125mm(4.92") | 72mm(2.83") | |
|---|---|---|

52mm (2.05")

| Camera | |
|---|---|
| Image Sensor | 1/3" SONY progressive scan CCD |
| Picture Elements | 1280(H) x 960 (V), 1.3M CCD |
| Resolution | 700 TVL |
| Minimum Illumination | 0.02 lux @ F1.2 |
| Shutter Speed | 1.5 ~ 1/10000 sec. |
| White Balance | Manual / ATW (1500 ~ 15000K) |

| Lens | | |
|---|---|---|
| Max Aperture | Wide F1.4, Tele F2.9 | |
| Lens Focal | f = 3.3~12 mm | |
| Angle of View | Wide end | Diagonal 125.7° / Horizontal 89.8 ° |
| | Tele end | Diagonal 29.9 ° / Horizontal 23.9 ° |

| Operation | |
|---|---|
| Video Codec | MPEG4 / MJPEG |
| Video Streaming | Simultaneous MPEG4 and MJPEG video stream (dual stream) <br> Selectable single stream (MPEG4 or MJPEG) |
| Resolution | MPEG4 ASP: VGA, QVGA, CIF, QCIF <br> MJPEG: 1280x960(4 VGA), VGA, QVGA, CIF, QCIF |
| Frame Rate | MPEG4 30fps@VGA <br> MJPEG 15fps@1280x960 |
| Image Setting | Auto Exposure, Auto White Balance, Brightness, Contrast, Sharpness, Gamma, Mono, Reverse, Rotate 180°, Flicker-less 50/60 Hz |
| Audio Codec | G.726 |
| Digital Input | Dry Contact |
| Digital Output | Photo relay output: 40mA, 5~12VDC |

| Network | |
|---|---|
| Interface | 10/100 Ethernet (RJ-45) |
| Protocol | HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP |
| PoE | Yes |

| Mechanical | | |
|---|---|---|
| Connectors | Power | DC Jack |
| | Ethernet | RJ-45 |
| | Audio | 1 In, 1 Out stereo phone jack, pitch 3.5 mm / 0.14 in |
| | Digital I/O | 4 pins terminal block, pitch 3.5 mm / 0.14 inch |
| | Auto Iris | Video drive & DC drive |
| LED Indicator | Power, Link, ACT | |

| General | |
|---|---|
| Operating Temperature | 0°C ~ 50°C / 32 °F ~ 122 °F |
| Humidity | 10% to 90% (no condensation) |
| Power Source | DC12V / PoE |
| Power Comsumption | 4.2 W (max. 350mA DC 12V) |
| Certificate | CE, FCC, RoHS compliant |
| Dimension (L x W x H) | 165 x 73 x 53 mm / 6.5 x 2.83 x 2.05 in |
| Weight | 310g / 0.68 lb |

| Web Interface | |
|---|---|
| Installation Management | Web-based configuration |
| Maintenance | Firmware upgrade through Web Browser |
| Access from Web Browser | Camera live view, video recording, change video quality, zoom in/out, bandwidth control, image snapshot, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation |

| Applications | |
|---|---|
| Network Storage | GV-NVR, GV-MultiCam |
| 3G Mobile Phone | Built-in player for 3GPP/ISMA |
| Live Viewing | MultiView |
| CMS Server support | Control Center, CenterV2, VSM |

# OPTIONS

Optional devices can expand your GV-IP Camera's capabilities and versatility. Contact your dealer for more information.

| GV-Relay V2 | Working with this module, GV-IP Camera can drive the loads of relay outputs over 5V. |
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