GV-IP CAM1.3M VARIFOCAL CAM COLOR (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
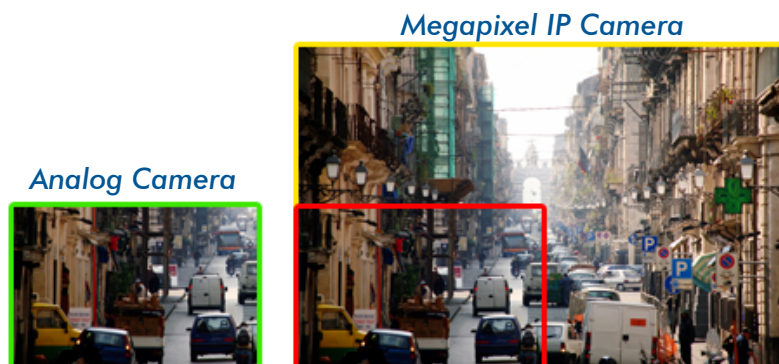- Privacy Mask
- Visual Automation

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.
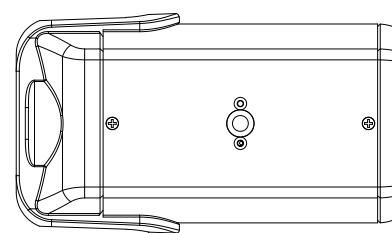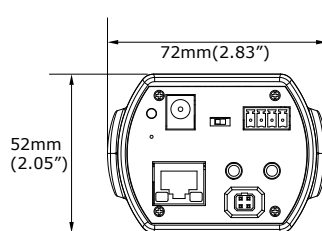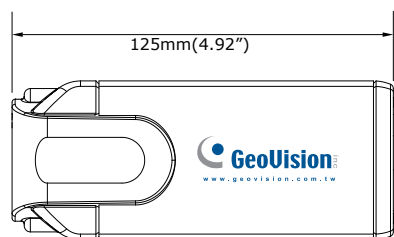
Progressive scan CCD captures the entire scene of a moving object at the same time. Even and odd fields are scanned simultaneously. It reproduces smooth video quality without pixilated edges.

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	0.1 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)
	Selectable single stream (MPEG4 or MJPEG)
Resolution	MPEG4 ASP: VGA, QVGA, CIF, QCIF
	MJPEG: 1280x960(4 VGA), VGA, QVGA, CIF, QCIF
Frame Rate	MPEG4 30fps@VGA
	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.