GV-CA120   1.3MP H.264 WDR Advanced Cube IP Camera

- 1/2.5" progressive scan CMOS
- Stream 1 from H.264 and MJPEG; Stream 2 from H.264, MPEG4 and MJPEG
- Up to 30 fps at 1280 x 1024
- Passive infrared (PIR) sensor for detecting movement and activating the alarm LED
- Two-way audio
- Memory Card Slot
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 5V / PoE
- Megapixel lens
- Smart device access
- 31 languages on Web interface

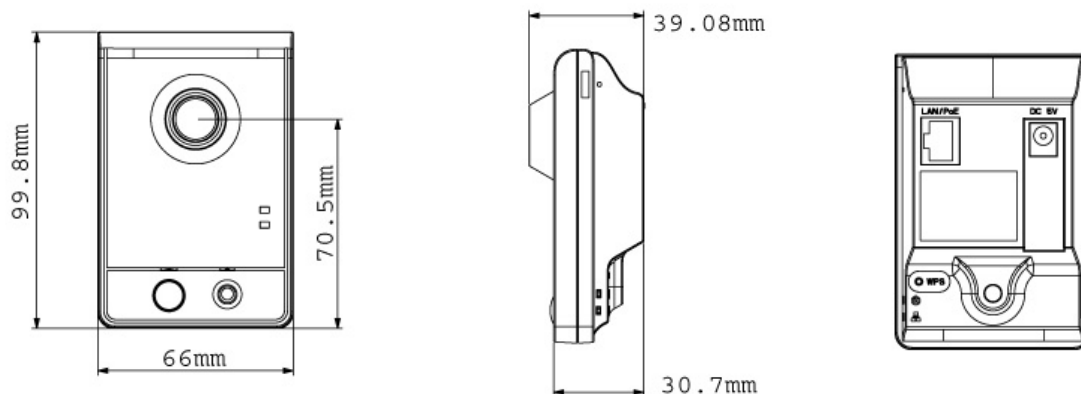* No Memory Card Slot & local storage function for Argentina.

Active Tampering Alarm

Tampered	Focus Change	Camera Shift

SPECIFICATIONS

Camera		
Image Sensor		1/2.5" progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination	Color	1 Lux at F/2.4
	B/W	0.5 Lux at F/2.4
	LED ON	0.1 Lux at F/2.4
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)
White Balance		Automatic, Manual (2800 ~ 8500K)
Gain Control		Automatic
S/N Ratio		45 dB

Lens	
Megapixel	Yes
Day/Night	Yes (electronic)
Lens Type	Fixed
Focal Length	3.35 mm
Maximum Aperture	F/2.4
Mount	M12 mm
Image Format	1/3"

Operation	
Video Compression	H.264, MPEG4 and MJPEG
Video Streaming	Stream 1 from H.264 or MJPEG; Stream 2 from H.264, MPEG4 or MJPEG
Frame Rate	30 fps at 1280 x 1024 * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).
Image Setting	Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, Backlight Compensation, WDR, Defog
Audio Compression	G.711, AAC (24 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later.
Two-way Audio	Yes

Video Resolution		
Main Stream	4:3	1280 x 960, 640 x 480, 320 x 240
	16:9	1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256

Network	
Interface	10/100 Ethernet
Ethernet Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)

Mechanical		
Lens Mounting		M12 mm
Temperature Detector		No
Connectors	Power	DC Jack, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector
	Audio	Built-in speaker & microphone
	Local Storage	Micro SD / SDHC / SDXC memory card slot (for Class 6 card or above)
LED Indicator		4 LEDs: Status x 3, LAN / Wi-Fi
PIR Sensor		Built-in
White Illumination LED		Yes
PIR Sensor / White Illumination LED Distance		5 m / 16.4 ft (Max.)

General	
Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity	10% to 90% (no condensation)
Power Source	5V DC, PoE
Max. Power Consumption	7 W
Dimensions	65.8 x 99.8 x 39 mm / 2.59 x 3.92 x 1.54 in
Weight	100 g / 0.2 lb
Regulatory	CE, FCC, C-Tick, RoHS compliant

Power over Ethernet	
PoE Standard	IEEE 802.3af Class 3 Power over Ethernet / PD
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts
Web Interface	
Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Camera live view, video recording, change video quality, bandwidth control, image snapshot, , audio, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask, Tampering Alarm, Text Overlay
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access	- GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch - GV-Eye HD for iPad
Live Viewing	IE , GV-MultiView
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are subject to change without notice.