




GV-IPCam H.264 Series: Box Camera Specifications





	GV-BX110D		GV-BX120D	GV-BX140DW	GV-BX130D Series		GV-BX220D Series	GV-BX320D Series	GV-BX520D		
	1.3MP D/N (Fixed Lens)	1.3MP D/N (Varifocal Lens)	1.3MP D/N Low Lux	1MP D/N WDR	1.3MP D/N (Fixed Lens)	1.3MP D/N (Varifocal Lens)	2MP D/N	3MP D/N	5MP D/N		
Camera											
Image Sensor	1/3" progressive scan CMOS		1/3" progressive scan CMOS		1/2.5" progressive scan CMOS						
Picture Elements	1280 (H) x 1024 (V)		1280 (H) x 1024 (V)		1280 (H) x 1024 (V)		1920 (H) x 1080 (V)		2560 (H) x 1920 (V)		
Minimum Illumination	Color	1 Lux (1/60 s), 0.1 Lux (1/5 s) (F/1.4, AGC-ON, slow shutter-off)		0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)		0.5 Lux at F/1.5		1 Lux (1/30 sec), 0.5 Lux (1/5 sec)		0.5 Lux at F/1.6	
	B/W	0.1 Lux (1/60 s), 0.05 Lux (1/5 s) (F/1.4, AGC-ON, slow shutter-off)		0.08 Lux (1/30 sec), 0.04Lux (1/5 sec)		0.2 Lux at F/1.4		0.1 Lux at F/1.5		0.1 Lux at F/1.6	
	IR ON	0 Lux (1/60 s) (F/1.4, AGC-ON, slow shutter-off)						0 Lux			
Shutter Speed	Auto, Manual (1/5 ~ 1/4000sec.)			Auto		Auto, Manual (1/5 ~ 1/8000 sec)					
White Balance	Auto, Manual (2800K ~ 8500K)					Auto, Manual (2800K ~ 8500K)					
Gain Control						Automatic					
S/N Ratio	-			50 dB		45 dB					
BLC	No			Yes		Yes					
WDR	No			No		Yes					
Operation											
Video Compression	H.264, MPEG4, MJPEG										
Video Streaming	Dual streams from H.264, MPEG4 and MJPEG Stream 1 from H.264 and MJPEG; Stream 2 from H.264, MPEG4 and MJPEG										
Frame Rate	15 fps at 1280 x 1024, 30 fps at 640 x 512		30 fps at 1280 x 1024		30 fps at 1280 x 720		30 fps at 1280 x 1024		30 fps at 1920 x 1080	20 fps at 2048 x 1536	10 fps at 2560 x 1920
Audio Compression	G.711										
Sensor Input	1 input (Wet Contact, 7V ~ 30V)										
Alarm Output	1 output (10A 250V AC; 10A 125V AC; 5A 100V DC)										
Optical Lens											
Megapixel	Yes										
Day/Night	Yes (with removable IR-cut filter)										
Lens Type	Fixed Lens	Varifocal Lens	Varifocal Lens		Fixed Lens	Varifocal Lens					
Focal Length	4.0 mm	4 ~ 9 mm	2.8 ~ 12 mm		4.0 mm	2.8 ~ 12 mm	GV-BX220D-0 GV-BX220D-1 GV-BX220D-2 GV-BX220D-3	2.8~8.5mm 3.1 ~ 8mm 2.8 ~ 6mm 2.8 ~ 12mm	GV-BX320D-0 GV-BX320D-1	3.1 ~ 8 mm 2.8 ~ 6 mm	4.5 ~ 10 mm
Maximum Aperture	F/1.5	F/1.4	F/1.4		F/1.5	F/1.4	GV-BX220D-0 GV-BX220D-1 GV-BX220D-2 GV-BX220D-3	F/1.4 F/1.2 F/1.3 F/1.4	GV-BX320D-0 GV-BX320D-1	F/1.2 F/1.3	F/1.6
Mount	CS Mount			CS Mount							
Image Format	1/3"			1/3"						1/2"	
Angle of View	Diagonal	80.4°	115° ~ 45.3°		80.4°	115° ~ 45.3°	GV-BX220D-0 GV-BX220D-1 GV-BX220D-2 GV-BX220D-3	94.45° ~ 32.47° 108.70° ~ 41.21° No 115° ~ 45.3°	GV-BX320D-0 GV-BX320D-1	108.70° ~ 41.21° No	102° ~ 47°
	Horizontal	65.4°	92° ~ 27.2°		65.4°	92° ~ 27.2°	GV-BX220D-0 GV-BX220D-1 GV-BX220D-2 GV-BX220D-3	82.32° ~ 28.30° 86.96° ~ 32.97° 101.11° ~ 46.58° 92° ~ 27.2°	GV-BX320D-0 GV-BX320D-1	86.96° ~ 32.97° 101.11° ~ 46.58°	80.5° ~ 37.12°
	Vertical	49.9°	69° ~ 20.4°		49.9°	69° ~ 20.4°	GV-BX220D-0 GV-BX220D-1 GV-BX220D-2 GV-BX220D-3	46.31° ~ 15.92° 65.22° ~ 24.73° 74.10° ~ 35.09° 69° ~ 20.4°	GV-BX320D-0 GV-BX320D-1	65.22° ~ 24.73° 74.10° ~ 35.09°	60° ~ 28°
Operation	Focus	manual w/lock			manual w/lock		manual w/lock				
	Zoom	No	manual w/lock		manual w/lock		manual w/lock				
	Iris	Fixed	DC drive		DC drive		DC drive				
Mechanical											
Lens Mounting	C / CS-Mount			CS-Mount							
Camera Angle Adjustment	No										
Temperature Detector	No			Yes							
Connectors	Power	DC Jack, PoE			Terminal block (2 pin), PoE						
	Ethernet	Ethernet(10/100 Base-T), RJ-45 Connector									
	Audio	1 In (built-in or external microphone), 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)									
	Digital I/O	5-pin terminal block, pitch 3.5 mm / 0.14 in			3-pin terminal block, pitch 2.5 mm / 0.1 in						
	Auto Iris	Not functional	DC drive		Not functional		DC drive				
	Local Storage*	Micro SD/SDHC memory card slot (for Class 6 card or above)									
	TV-Out	BNC connector									
LED Indicator	1 LED with 2 colors			2 LEDs: Power, Status							
General											
Environment Temperature	0°C ~ 50°C / 32 °F ~ 122 °F										
Humidity	10% to 90% (no condensation)										
Power Source	12V DC / PoE(IEEE802.3af)										
Max. Power Consumption	9.2 W			7 W							
Regulatory	CE, FCC, C-Tick, RoHS compliant										
Dimensions (L X W X H) (Without lens)	115 x 65 x 60 mm / 4.52 x 2.55 x 2.36 in			75.5 x 75 x 54 mm / 2.97 x 2.95 x 2.13 in							
Weight	450 g / 0.99 lb			321 g / 0.71 lb							

Note:

- Product design and specifications are subject to change without notice.
- The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
- The TV-Out function only works in 640 x 480 resolution. For TV-Out to work properly, you must set the video resolution to 1280 x 1024 or lower. If both streams are enabled, the Sub Stream must be set to 640 x 480.
- No SD/SDHC card slot or local storage function for Argentina.








GV-IPCam H.264 Series: IR Arctic Box Camera Specifications

	GV-BX120D-E 1.3 MP Low Lux	GV-BX220D-E 2MP D/N	GV-BX320D-E 3MP D/N	GV-BX520D-E 5MP D/N
				
Camera				
Image Sensor	1/3" progressive scan CMOS		1/2.5" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)	2048 (H) x 1536 (V)	2560 (H) x 1920 (V)
Minimum Illumination	0.08 Lux at F/1.4	0.1 Lux at F/1.3	0.1 Lux at F/1.3	0.5 Lux at F/1.6
Color	0.04 Lux at F/1.4		0 Lux	
B/W			Auto, Manual (1/5 ~ 1/8000 sec)	
IR ON			Auto, Manual (2800K ~ 8500K)	
Shutter Speed			Automatic	
White Balance			Automatic	
Gain Control			Automatic	
S/N Ratio	50 dB		45 dB	
BLC	Yes			
Operation				
Video Compression	H.264, MPEG4, MJPEG			
Video Streaming	Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG			
Frame Rate	30 fps at 1280 x 1024	30 fps at 1920 x 1080	20 fps at 2048 x 1536	10 fps at 2560 x 1920
Audio Compression	G.711 / AAC (16 kHz / 16 bit)			
Optical Lens				
Megapixel	Yes			
Day/Night	Yes (with removable IR-cut filter)			
Lens Type	Varifocal Lens			
Focal Length	2.8 ~ 12 mm	2.8 ~ 6 mm		4.5 ~ 10 mm
Maximum Aperture	F/1.4	F/1.3		F/1.6
Mount	CS Mount			
Image Format	1/3"		1/2"	
Angle of View	Diagonal	115° ~ 45.3°	No	102° ~ 47°
	Horizontal	92° ~ 27.2°	101.11° ~ 46.58°	80.5° ~ 37.12°
	Vertical	69° ~ 20.4°	74.10° ~ 35.09°	60° ~ 28°
Operation	Focus	manual w/lock		
	Zoom	manual w/lock		
	Iris	DC drive		Manual
IR LED Quantity	4 IR LEDs			
IR Distance	15 m / 50 ft. (Max.)			
Mechanical				
Lens Mounting	CS-Mount			
Camera Angle	Pan	0° ~ 330°		
	Tilt	0° ~ 90°		
Adjustment	Rotate	No		
Temperature	Detector	Yes		
	Power	PoE		
	Ethernet	Ethernet(10/100 Base-T), RJ-45 Connector		
	Audio	1 In (external microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)		
Connectors	Digital I/O	No		
	Auto Iris	DC drive		Not functional
	Local Storage	No		
	TV-Out	BNC connector		
LED Indicator	2 LEDs: Power, Status			
General				
Environment Temperature	-40°C ~ 50°C / -40°F ~ 122°F			
Humidity	10% to 90% (no condensation)			
Power Source	PoE (IEEE 802.3 at)			
Max. Power Consumption	24 W			
Regulatory	CE, FCC, C-Tick, RoHS compliant			
Dimensions (L X W X H) (Without lens)	100.5 x 100.5 x 317.5 mm / 3.96 x 3.96 x 12.5 in			
Weight	3.2 Kg / 7.1 lb			
Protection Classification	IP66			

- Note:**
1. Product design and specifications are subject to change without notice.
 2. The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
 3. No SD/SDHC card slot or local storage function for Argentina.



GV-IPCam H.264 Series: Bullet Camera Specifications







		GV-BL110D	GV-BL120D	GV-BL130D	GV-BL220D	GV-BL320D
		1.3MP IR	1.3MP Low Lux IR	1.3MP IR	2MP IR	3MP IR
						
Camera						
Image Sensor		1/3" progressive scan CMOS			1/2.5" progressive scan CMOS	
Picture Elements		1280 (H) x 1024 (V)			1920 (H) x 1080 (V)	2048 (H) x 1536 (V)
Minimum Illumination	Color	1 Lux (1/60 s), 0.1 Lux (1/5 s) (30 IRE, F/1.3, AGC-ON, slow shutter-off)	0.15Lux (1/30 sec), 0.08Lux (1/5 sec)	0.5 Lux at F/1.3	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)	
	B/W	0 Lux (1/60 s) (50 IRE, F/1.4, AGC-ON, slow shutter-off.)	0 Lux			
IR ON						
Shutter Speed		Auto (Balanced, Speed Priority, Quality Priority), Manual (1/5 ~ 1/4000 sec)		Auto, Manual (1/5 ~ 1/8000sec)		
White Balance		Auto, Manual (2800K ~ 8500K)				
Gain Control		Automatic				
S/N Ratio		-	50 dB			45 dB
BLC		No	Yes			
Operation						
Video Compression		H.264, MPEG4, MJPEG				
Video Streaming		Dual Streams from H.264, MPEG4 and MJPEG	Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG			
Frame Rate		15 fps at 1280 x 1024, 30 fps at 640 x 512	30 fps at 1280 x 1024		30 fps at 1920 x 1080	20 fps at 2048 x 1536
Audio Compression		G.711	G.711 / AAC (16 kHz / 16 bit)			
Sensor Input		1 input (Dry Contact)				
Alarm Output		1 digital output (200mA 5V DC)				
Optical Lens						
Megapixel		Yes				
Day/Night		Yes (with removable IR-cut filter)				
Lens Type		Varifocal Lens				
Focal Length		3.6 ~ 9 mm				
Maximum Aperture		F/1.3				
Mount		Ø14 mm				
Image Format		1/3"				
Angle of View	Diagonal	93° ~ 38°	94.5° ~ 38.2°	76° ~ 32°	76° ~ 32°	88.8° ~ 36.3°
	Horizontal	73° ~ 30.4°	73.9° ~ 29.8°	66° ~ 27.9°	66° ~ 27.9°	71.0° ~ 29.0°
	Vertical	56.6° ~ 23°	59.0° ~ 23.9°	37.3° ~ 15.7°	37.3° ~ 15.7°	53.3° ~ 21.8°
Operation	Focus	manual w/lock				
	Zoom	manual w/lock				
	Iris	DC drive				
IR LED Quantity		16 IR LEDs				
IR Distance		15 m / 50 ft. (Max.)				
Mechanical						
Lens Mounting		Ø14 mm				
Camera Angle Adjustment	Pan	0° ~ 360°				
	Tilt	90° ~ 180°				
	Rotate	0° ~ 360°				
Temperature Detector		Yes				
Connectors	Power	Terminal block (3 pin), PoE				
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Cable				
	Audio	1 In (RCA female for microphone); 1 Out (RCA female for speaker)				
	Digital I/O	I/O Wire				
	Auto Iris	DC drive				
	Local Storage*	Micro SD/SDHC memory card slot (for Class 6 card or above)				
TV-Out		No				
General						
Environment Temperature		-20°C ~ 50°C / -4°F ~ 122°F				
Humidity		10% to 90% (no condensation)				
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)				
Max. Power Consumption		12W				
Regulatory		CE, FCC, C-Tick, RoHS compliant				
Dimensions	Camera Body	277.5 x 87.75 x 148.95 mm / 10.9 x 3.45 x 5.86 in				
	Cable Length	1 m / 3.28 ft				
	Max. Cable Diameter	Ø 7.1 mm / 0.28 in				
	Max. Connector Diameter	Ø 25.2 mm / 0.99 in				
Weight		1.35 kg / 2.98 lb				
Protection Classification		IP66				

Note:

- Product design and specifications are subject to change without notice.
- The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCam H.264 Series: Vandal Proof Dome and Fixed Dome Specifications





		GV-VD120D (IK10+, Transparent Cover)	GV-VD220D (IK10+, Transparent Cover)	GV-VD320D (IK10+, Transparent Cover)	GV-FD120D	GV-FD220D	GV-FD320D		
		GV-VD121D (IK10+, Smoked Cover)	GV-VD221D (IK10+, Smoked Cover)	GV-VD321D (IK10+, Smoked Cover)					
		GV-VD122D (IK7, Transparent Cover)	GV-VD222D (IK7, Transparent Cover)	GV-VD322D (IK7, Transparent Cover)					
		GV-VD123D (IK7, Smoked Cover)	GV-VD223D (IK7, Smoked Cover)	GV-VD323D (IK7, Smoked Cover)					
		1.3MP Low Lux IR	2MP IR	3MP IR	1.3MP Low Lux IR	2MP IR	3MP IR		
									
Camera									
Image Sensor		1/3" progressive scan CMOS		1/2.5" progressive scan CMOS		1/3" progressive scan CMOS	1/2.5" progressive scan CMOS		
Picture Elements		1280 (H) x 1024 (V)		1920 (H) x 1080 (V)		2048 (H) x 1536 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)	2048 (H) x 1536 (V)
Minimum Illumination	Color	0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)		1 Lux (1/30 sec), 0.5 Lux (1/5 sec)		0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)		
	B/W	0 Lux							
	IR ON	0 Lux							
Shutter Speed		Auto, Manual (1/5 ~ 1/8000 sec)							
White Balance		Auto, Manual (2800K ~ 8500K)							
Gain Control		Automatic							
S/N Ratio		50 dB		45 dB		50 dB	45 dB		
BLC		Yes							
Operation									
Video Compression		H.264, MPEG4, MJPEG							
Video Streaming		Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG							
Frame Rate		30 fps at 1280 x 1024		30 fps at 1920 x 1080		20 fps at 2048 x 1536	30 fps at 1280 x 1024	30 fps at 1920 x 1080	20 fps at 2048 x 1536
Audio Compression		G.711 / AAC (16 kHz / 16 bit)							
Sensor Input		1 Input (Dry Contact)							
Alarm Output		1 Digital output (200mA 5V DC)							
Optical Lens									
Megapixel		Yes							
Day/Night		Yes (with removable IR-cut filter)							
Lens Type		Varifocal Lens							
Focal Length		2.7 ~ 9 mm							
Maximum Aperture		F/1.3							
Mount		Ø14 mm							
Image Format		1/3"							
Angle of View	Diagonal	126° ~ 38.2°		101° ~ 32°		118.4° ~ 36.3°	126° ~ 38.2°	101° ~ 32°	101° ~ 32°
	Horizontal	98.5° ~ 29.8°		88° ~ 27.9°		94.7° ~ 29.0°	98.5° ~ 29.8°	88° ~ 27.9°	88° ~ 27.9°
	Vertical	78.7° ~ 23.9°		49.7° ~ 15.7°		71.1° ~ 21.8°	78.7° ~ 23.9°	49.7° ~ 15.7°	49.7° ~ 15.7°
Operation	Focus	manual w/lock							
	Zoom	manual w/lock							
	Iris	DC drive							
IR LED Quantity		15 IR LEDs							
IR Distance		15 m / 50 ft. (Max.)							
Mechanical									
Lens Mounting		Ø14 mm							
Camera Angle Adjustment	Pan	0° ~ 350°							
	Tilt	10° ~ 90°							
	Rotate	0° ~ 340°							
Temperature Detector		Yes							
Connectors	Power	Terminal block (3 pin), PoE			Terminal block (2 pin), PoE				
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Cable							
	Audio	1 In (RCA female for microphone) 1 Out (RCA female for speaker)			1 In (microphone phone jack, 3.5mm / 0.14 in) 1 Out (Stereo phone jack, 3.5mm / 0.14 in)				
	Digital I/O	I/O Wire			3-pin terminal block, pitch 2.5 mm				
	Auto Iris	DC drive							
	Local Storage*	Micro SD/SDHC memory card slot (for Class 6 card or above)							
TV-Out		BNC connector							
General									
Environment Temperature		-20°C ~ 50°C / -4°F ~ 122°F			0°C ~ 50°C / 32°F ~ 122°F				
Humidity		10% to 90% (no condensation)							
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)							
Max. Power Consumption		12W							
Regulatory		CE, FCC, C-Tick, RoHS compliant							
Dimensions	Camera Body	ø 165 x 125 mm / 6.49 x 4.92 in			ø 156 x 110 mm / 6.14 x 4.33 in				
	Cable Length	1 m / 3.28 ft			n/a				
	Cable Diameter	ø 16.7 mm / 0.66 in			n/a				
	Max. Connector Diameter	ø 16.7 mm / 0.66 in			n/a				
Weight		1.7 kg / 3.75 lb			580 g / 1.28 lb				
Protection Classification		IP66			-				

Note:

- Product design and specifications are subject to change without notice.
- The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
- The TV-Out function only works in 640 x 480 resolution. For TV-Out to work properly, you must set the video resolution to 1280 x 1024 or lower. If both streams are enabled, the Sub Stream must be set to 640 x 480.
- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCam H.264 Series: Cube Camera Specifications







		GV-CB120 1.3MP	GV-CB220 2MP	GV-CBW120 1.3MP	GV-CBW220 2MP
					
Camera					
Image Sensor		1/2.5" progressive scan CMOS			
Picture Elements		1280 (H) x 1024 (V)	1920 (H) x 1080 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)
Minimum Illumination	Color	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)			
	B/W				
	IR ON	No			
Shutter Speed		Auto, Manual (1/5 ~ 1/8000 sec)			
White Balance		Auto, Manual (2800K ~ 8500K)			
Gain Control		Automatic			
S/N Ratio		45 dB			
BLC		Yes			
Operation					
Video Compression		H.264, MPEG4, MJPEG			
Video Streaming		Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG			
Frame Rate		30 fps at 1280 x 1024	30 fps at 1920 x 1080	30 fps at 1280 x 1024	30 fps at 1920 x 1080
Audio Compression		G.711 / AAC (16 kHz / 16 bit)			
Optical Lens					
Megapixel		Yes			
Day/Night		Yes (Electronic)			
Lens Type		Fixed Lens			
Focal Length		3.35 mm			
Maximum Aperture		F/2.4			
Mount		M12 mm			
Image Format		1/3"			
Angle of View	Diagonal	142°			
	Horizontal	131°			
	Vertical	112°			
Operation	Focus	No			
	Zoom	No			
	Iris	Fixed			
Mechanical					
Lens Mounting		M12 mm			
Camera Angle Adjustment	Pan				
	Tilt	No			
Temperature Detector		Yes			
Connectors	Power	DC Jack			
	Ethernet	Ethernet(10/100 Base-T), RJ-45 Connector			
	Audio	built-in microphone and speaker			
	Local Storage*	Micro SD/SDHC memory card slot (for Class 6 card or above)			
LED Indicator		2 LEDs: Status, LAN			
Wireless LAN		No		IEEE 802.11 b/g/n	
General					
Environment Temperature		0°C ~ 50°C / 32°F ~ 122°F		0°C ~ 40°C / 32°F ~ 104°F	
Humidity		10% to 90% (no condensation)			
Power Source		12V DC		5V DC	
Max. Power Consumption		4W		3.2W	
Regulatory		CE, FCC, C-Tick, RoHS compliant			
Dimensions	Camera Body	60 x 84.8 x 39 mm / 2.36 x 3.34 x 1.54 in			
	Cable Length	n/a			
	Cable Diameter	n/a			
	Max. Connector Diameter	n/a			
Weight		80 g / 0.18 lb		70 g / 0.15 lb	

Note:

- Product design and specifications are subject to change without notice.
- The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
- For GV-CBW120 / CBW220, the signal range and data throughput may vary depending on the network conditions and environmental factors.
- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCam H.264 Series: Mini Fixed Dome Specifications





		GV-MFD110	GV-MFD120	GV-MFD130	GV-MFD220	GV-MFD320	GV-MFD520
		1.3MP	1.3MP Low Lux	1.3MP	2MP	3MP	5MP
							
Camera							
Image Sensor		1/3" progressive scan CMOS			1/2.5" progressive scan CMOS		
Picture Elements		1280 (H) x 1024 (V)			1920 (H) x 1080 (V)	2048 (H) x 1536 (V)	2560 (H) x 1920 (V)
Minimum Illumination	Color	1.5 Lux (1/60s), 0.2 Lux (1/5s), (30 IRE, F1.8, AGC-ON, slow shutter-off)	0.08 Lux at F/1.5	0.5 Lux at F/2.8			
	B/W	No	No				
Shutter Speed		Auto (Balanced, Speed Priority Quality Priority), Manual (1/5 ~ 1/4000sec)		Auto, Manual (1/5 ~ 1/8000 sec)			
White Balance		Auto, Manual (2800K ~ 8500K)					
Gain Control		Automatic					
S/N Ratio		-	50 dB	45 dB			
BLC		No	Yes				
Operation							
Video Compression		H.264, MPEG4, MJPEG					
Video Streaming		Dual streams from H.264, MPEG4 and MJPEG		Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG			
Frame Rate		15 fps at 1280 x 1024, 30 fps at 640 x 512	30 fps at 1280 x 1024	30 fps at 1280 x 1024	30 fps at 1920 x 1080	20 fps at 2048 x 1536	10 fps at 2560 x 1920
Audio Compression		G.711 / AAC (16 kHz / 16 bit)					
Optical Lens							
Megapixel		Yes					
Day/Night		Yes (electronic)					
Lens Type		Fixed Lens					
Focal Length		3.6 mm	4.05 mm	2.54 mm			
Maximum Aperture		F/1.8	F/1.5	F/2.8			
Mount		M12, Pitch 0.5 mm		M12, Pitch 0.5 mm			
Image Format		1/3"		1/2.5"			
Angle of View	Diagonal	100.2°	80.4°	162.5°			
	Horizontal	77°	65.4°	130.1°			
	Vertical	54°	49.9°	97.3°			
Operation	Focus	Yes				No	
	Zoom	No				No	
	Iris	Fixed				Fixed	
Mechanical							
Lens Mounting		M12, Pitch 0.5 mm		M12, Pitch 0.5 mm			
Camera Angle Adjustment	Pan	-45° ~ 45°		-45° ~ 45°			
	Tilt	0° ~ 90°		0° ~ 90°			
Temperature Detector		No		Yes			
Power		PoE only		Terminal block (3 pin), PoE			
Connectors	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector		Ethernet(10/100 Base-T), RJ-45 Connector			
	Audio	built-in microphone					
	Local Storage*	No		Micro SD/SDHC memory card slot (for Class 6 card or above)			
LED Indicator		No		4 LEDs: Link, ACT, Power, Status			
General							
Environment Temperature		0°C ~ 50°C / 32°F ~ 122°F					
Humidity		10% to 90% (no condensation)					
Power Source		PoE (IEEE802.3af)		12V DC / PoE (IEEE802.3af)			
Max. Power Consumption		5.8 W	4.5 W	5.5 W			6 W
Regulatory		CE, FCC, C-Tick, RoHS compliant					
Dimensions	Camera Body	ø 106 x 55.6 mm / 4.2 x 2.2 in					
	Cable Length	n/a		1 m / 3.28 ft			
	Cable Diameter	n/a		ø 8 mm / 0.31 in			
	Max. Connector Diameter	n/a		ø 28.5 mm / 1.12 in			
Weight		212 g / 0.47 lb	275 g / 0.61 lb	280 g / 0.62 lb			

Note:

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- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCam H.264 Series: Mini Fixed Rugged Dome Specifications




		GV-MDR120 1.3MP Low Lux	GV-MDR220 2MP	GV-MDR320 3MP	GV-MDR520 5MP
					
Camera					
Image Sensor		1/3" progressive scan CMOS		1/2.5" progressive scan CMOS	
Picture Elements		1280 (H) x 1024 (V)	1920 (H) x 1080 (V)	2048 (H) x 1536 (V)	2560 (H) x 1920 (V)
Minimum Illumination	Color	0.08 Lux at F/1.5		0.5 Lux at F/2.8	
	B/W				
	IR ON	No		No	
Shutter Speed		Auto, Manual (1/5 ~ 1/8000 sec)			
White Balance		Auto, Manual (2800K ~ 8500K)			
Gain Control		Automatic			
S/N Ratio		50 dB		45 dB	
BLC		Yes			
Operation					
Video Compression		H.264, MPEG4, MJPEG			
Video Streaming		Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG			
Frame Rate		30 fps at 1280 x 1024	30 fps at 1920 x 1080	20 fps at 2048 x 1536	10 fps at 2560 x 1920
Audio Compression		G.711 / AAC (16 kHz / 16 bit)			
Optical Lens					
Megapixel		Yes			
Day/Night		Yes (electronic)			
Lens Type		Fixed Lens			
Focal Length		4.05 mm		2.54 mm	
Maximum Aperture		F/1.5		F/2.8	
Mount		M12, Pitch 0.5 mm			
Image Format		1/3"		1/2.5"	
Angle of View	Diagonal	80.4°		162.5°	
	Horizontal	65.4°		130.1°	
	Vertical	49.9°		97.3°	
Focus		No			
Zoom		No			
Iris		Fixed			
Mechanical					
Lens Mounting		M12, Pitch 0.5 mm			
Camera	Pan	-45° ~ 45°			
Angle	Tilt	0° ~ 90°			
Adjustment	Rotate	0° ~ 360°			
Temperature	Detector	Yes			
	Power	PoE			
Connectors	Ethernet	Ethernet(10/100 Base-T), RJ-45 Connector			
	Audio	built-in microphone			
	Local Storage	Micro SD/SDHC memory card slot (for Class 6 card or above)			
LED Indicator		4 LEDs: Link, ACT, Power, Status			
General					
Environment Temperature		-20°C ~ 50°C / -4°F ~ 122°F			
Humidity		10% to 90% (no condensation)			
Power Source		PoE (IEEE802.3af)			
Max. Power Consumption		3 W	3.4 W	3.4 W	4.2 W
Regulatory		CE, FCC, C-Tick, EN50155, RoHS compliant			
Dimensions	Camera Body	ø 115 x 59.2 mm / 4.5 x 2.3 in			
	Cable Length	1.054 m / 41.5 in			
	Cable Diameter	ø 6.2 mm / 0.24 in			
	Max. Connector Diameter	ø 30 mm / 1.18 in			
Weight		568g / 1.3 lb			
Protection Classification		IP66			

Note:

1. Product design and specifications are subject to change without notice.
2. The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
3. **No SD/SDHC card slot or local storage function for Argentina.**



GV-IPCam H.264 Series: PT and PTZ Camera Specifications







		GV-PT110D	GV-PTZ010D-N	GV-PTZ010D-P
		1.3MP IR PT Camera	D1 10x Optical Zoom D/N PTZ Camera	
				
Camera				
Image Sensor		1/3" progressive scan CMOS		1/4" CCD image sensor
Picture Elements		1280 (H) x 1024 (V)		704 (H) x 576 (V)
Minimum Illumination	Color	1.5 Lux (1/60 s) 0.2 Lux (1/5 s) (30 IRE, F1.5, AGC-ON, slow shutter-off)		2.5 Lux (50 IRE, F/1.8)
	B/W	0 Lux (1/60 s)(50 IRE, F/1.5, AGC-ON, slow shutter-off)		0.07 Lux (50 IRE, F/1.8)
	IR ON			No
Shutter Speed		Auto (Balanced, Speed Priority Quality Priority), Manual (1/5 ~ 1/4000 sec)		Auto, Manual (1/50 ~ 1/120,000 sec)
White Balance		Auto, Manual (2800K ~ 8500K)		Auto, Manual (3200K ~ 9600K)
Gain Control				Automatic
BLC		No		Yes
Operation				
Video Compression		H.264, MPEG4, MJPEG		
Video Streaming		Dual streams from two of H.264, MPEG4 and MJPEG		
Frame Rate		15 fps at 1280 x 1024, 30 fps at 640 x 512		25 fps at 704 x 576
Audio Compression		G.711		
Sensor Input		1 Input (Dry Contact)		
Alarm Output		1 Digital output (200mA 5V DC)		
Optical Lens				
Megapixel		Yes		No
Day/Night		Yes (with removable IR-cut filter)		Yes (Electronic)
Focal Length		4.0 mm		4.2 ~ 42 mm
Maximum Aperture		F/1.5		F/1.8 ~ 2.9
Mount		M12, Pitch 0.5 mm		No
Image Format		1/3"		1/4"
Angle of View	Diagonal	89°		56°
	Horizontal	71.2°		46.4°
	Vertical	50°		35.6°
Operation	Focus	Manual (w/lock)		Auto Focus
	Zoom	No		100X (10X Optical, 10X Digital)
	Iris			Fixed
IR LED Quantity		14 IR LEDs		No
IR Distance		15 m / 50 ft. (Max.)		N/A
Mechanical				
Lens Mounting		M12, Pitch 0.5 mm		No
Camera Angle Adjustment	Pan			-175° ~ 175°
	Tilt			-45° ~ 90°
Temperature Detector		Yes		
Connectors	Power	Terminal block (2 pin), PoE		
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector		
	Audio	1 In (built-in microphone or external microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)		
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in		
	Auto Iris	No		
	Local Storage	Micro SD/SDHC memory card slot (for Class 6 card or above)		
TV-Out		No		
General				
Environment Temperature		-10°C ~ 50°C / 14°F ~ 122°F		
Humidity		10% to 90% (no condensation)		
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)		
Max. Power Consumption		12 W		
Regulatory		CE, FCC, C-Tick, RoHS compliant		
Dimensions	With Base	168 x 135.2 mm / 6.61 x 5.32 in		
	Without Base	124.5 x 133.3 mm / 4.9 x 5.25 in		
Weight		440 g / 0.97 lb		490 g / 1.08 lb

Note:

- Product design and specifications are subject to change without notice.
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- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCAM H.264 Series: Fisheye Camera Specifications





			GV-FE110	GV-FE111	GV-FE420	GV-FE421	GV-FE520	GV-FE521
			1.3MP	1.3MP	4MP	4MP	5MP	5MP
								
Camera								
Image Sensor			1/3" progressive scan CMOS			1/2.5" progressive scan CMOS		
Picture Elements			1280 (H) x 1024 (V)			2048 (H) x 1944 (V)		2560 (H) x 1920 (V)
Minimum Illumination	Color	1.5 Lux (1/60s), 0.1 Lux (1/5s) (30 IRE, F/2.0, AGC-ON, slow shutter-off)			4 Lux (1/30 sec), 2 Lux (1/5 sec)		2 Lux at F/2.0	
	B/W	No			No		No	
	IR ON	No			No		No	
Shutter Speed			Auto(Balanced, Speed Priority, Quality Priority), Manual (1/5 ~ 1/4000sec)			Auto, Manual (1/5 ~ 1/8000sec)		
White Balance						Auto, Manual (2800K ~ 8500K)		
Gain Control						Automatic		
S/N Ratio			-			45 dB		
BLC			No			Yes		
Operation								
Video Compression			H.264, MPEG4, MJPEG			H.264, MJPEG		
Video Streaming			Single Stream from H.264, MPEG4 or MJPEG			Single Stream from H.264 or MJPEG		
Frame Rate			15 fps at 1280 x 1024			15 fps at 2048 x 1944		10 fps at 2560 x 1920
Audio Compression			G.711			G.711 / AAC (16 kHz / 16 bit)		
Sensor Input						1 Input (Dry Contact)		
Alarm Output						1 Digital output (200mA 5V DC)		
Optical Lens								
Megapixel						Yes		
Day/Night						Yes (Electronic)		
Focal Length			1.25 mm			1.05 mm		1.6 mm
Maximum Aperture			F/2			F/2.8		F/2
Mount						M12, Pitch 0.5 mm / 0.02 in		
Image Format			1/3"			1/2"		4.7 mm (Image Circle)
Angle of View	Diagonal	185°			180°		185°	
	Horizontal							
	Vertical							
Operation	Focus				No			
	Zoom				No			
	Iris				Fixed			
Mechanical								
Lens Mounting						M12, Pitch 0.5 mm / 0.02 in		
Camera Angle Adjustment						No		
Temperature Detector						Yes		
Connectors	Power				Terminal block (3 pin), PoE			
	Ethernet				Ethernet (10/100 Base-T), RJ-45 Connector			
	Audio				built-in microphone and speaker			
	Digital I/O				I/O Wire			
	Auto Iris				No			
	Local Storage				Micro SD/SDHC memory card slot (for Class 6 card or above)			
TV-Out				No				
General								
Environment Temperature						0°C ~ 50°C / 32°F ~ 122°F		
Humidity						10% to 90% (no condensation)		
Power Source						12V DC / 24V AC / PoE (IEEE802.3af)		
Max. Power Consumption			9 W			5 W		
Regulatory						CE, FCC, C-Tick, RoHS compliant		
Dimensions	Camera Body	Hard-Ceiling Mount	ø 160 x 50.55 mm / 6.30 x 1.99 in			ø 160 x 47.66 mm / 6.30 x 1.88 in		ø 160 x 44.9 mm / 6.30 x 1.77 in
		In-Ceiling Mount	ø 164 x 50.55 mm / 6.46 x 1.99 in			ø 164 x 47.66 mm / 6.46 x 1.88 in		ø 164 x 44.9 mm / 6.46 x 1.77 in
	Cable Length				1 m / 3.28 ft			
	Cable Diameter				ø 8 mm / 0.31 in			
	Max. Connector Diameter				ø 28.5 / 1.12 in			
Weight						650 g / 1.43 lb		

Note:

- Product design and specifications are subject to change without notice.
- The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
- No SD/SDHC card slot or local storage function for Argentina.



GV-IPCAM H.264 Series: IP Speed Dome Camera Specifications

Camera		GV-SD010			GV-SD010S			GV-SD200	GV-SD200S	
		18X	23X	36X	18X	23X	36X	18X	18X	
										
Image Sensor		1/4" Exview CCD	1/4" Progressive CCD	1/4" Exview CCD	1/4" Exview CCD	1/4" Progressive CCD	1/4" Exview CCD	1/2.8 Progressive Scan CMOS		
Picture Elements	NTSC	704 (H) x 480 (V)						1920 (H) x 1080 (V)		
	PAL	704 (H) x 576 (V)								
Minimum Illumination	Color	0.07 lux	0.1 lux	0.1 lux	0.07 lux	0.1 lux	0.1 lux	0.05 lux at F/1.6		
	B/W	0.01 lux			0.01 lux			0.01 lux at F/1.6		
	IR ON							0 lux		
Shutter Speed	NTSC	1 ~ 1/10000 sec	1/2 ~ 1/30000 sec	1 ~ 1/10000 sec	1 ~ 1/10000 sec	1/2 ~ 1/30000 sec	1 ~ 1/10000 sec	1/30 ~ 1/10000 sec		
	PAL		1/1.5 ~ 1/30000 sec			1/1.5 ~ 1/30000 sec				
White Balance		Auto / Manual						Auto / Indoor / Outdoor / ATW / Manual		
Gain Control		Auto / Manual								
S/N Ratio		> 50 dB (AGC Off)								
BLC		On / Off								
Optical Zoom		18X	23X	36X	18X	23X	36X	18X		
Digital Zoom		12X						1 ~ 8X variable		
Operation										
Video Compression		H.264, MPEG4, MJPEG						H.264, MJPEG		
Video Streaming		Stream 1 from H.264, MPEG4 or MJPEG Stream 2 from H.264, MPEG4 or MJPEG						Single Stream		
Frame Rate		30/25 fps (60/50 Hz) at 704 x 480 / 704 x 576						30/25 fps (60/50 Hz) at 1920 x 1080		
Audio Compression		G.711						G.711		
Sensor Input		4								
Alarm Output		1						2		
Pan Travel		360° endless								
Tilt Travel		-10° ~ 190°								
Manual Speed		0.5° ~ 90°/s								
Presets		256								
Preset Accuracy		0.225°								
Preset Speed		5° ~ 400°/s								
Sequence		8								
Auto Pan		4								
Cruise		4						8		
Privacy Mask		24	8	24	24	8	24	16		
Wide Dynamic Range		On / Off								
Optical Lens										
Megapixel		No						Yes		
FDay/Night		Yes (with removable IR Cut Filter)								
Focal Length		4.1 ~ 73.8 mm						4.7 ~ 84.6 mm		
Maximum Aperture		F1.4 to F3.0	F1.6 to F3.7	F1.6 to F4.5	F1.4 to F3.0	F1.6 to F3.7	F1.6 to F4.5	F1.6 to F2.8		
Angle of View	Diagonal	-						67.3° (wide) to 4° (tele)		
	Horizontal	48° (wide) to 2.8° (tele)	54° (wide) to 2.5° (tele)	57.8° (wide) to 1.7° (tele)	48° (wide) to 2.8° (tele)	54° (wide) to 2.5° (tele)	57.8° (wide) to 1.7° (tele)	55.2° (wide) to 5.2° (tele)		
	Vertical	-						42.1° (wide) to 2.4° (tele)		
Operation	Focus									
	Zoom	Auto/Manual								
	Iris									
Mechanical										
Temperature Detector		No								
Connectors	Power	3-pin terminal block						3-pin terminal block, PoE		3-pin terminal block
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector								
	Audio	1 in 1 out (stereo jack, ø 35 mm)						1 in 1 out (terminal block)		
	Digital I/O	4 in 1 out (I/O Wires)						4 in 2 out (12-pin terminal block)		
	Local Storage	No						Micro SD/SDHC memory card slot (for Class 6 card or above)		
TV-Out	BNC Connector (D1 Resolution)						No			
General										
Environment Temperature		0°C ~ 40°C / 32°F ~ 104°F			-45°C ~ 50°C / -49°F ~ -122°F			0°C ~ 40°C / 32°F ~ 104°F		-40°C ~ 50°C / -40°F ~ -122°F
Humidity		20% to 90% (no condensation)						10% to 90% (no condensation)		
Power Source		24V AC ± 10%, 1.5A			24V AC ± 10%, 3A			24V AC ± 10%, 1.5A, PoE		24V AC ± 10%, 3A
Max. Power Consumption		20 W			65 W (with Heater)			20 W		65 W (with Heater)
Regulatory		CE, FCC, RoHS compliant			CE, FCC, RoHS compliant, IP66			CE, FCC, RoHS		CE, FCC, RoHS, IP66
Dimensions	Camera Body	ø 131 x 226 mm / 5.2 x 8.9 in			ø 172 x 302.5 mm / 6.7 x 11.9 in			ø 171.7 x 228.71 mm / 6.76 x 9 in		ø 191.97 x 282.11 mm / 7.55 x 11.1 in (with sunshield)
					ø 190 x 302.5 mm / 7.5 x 11.9 in (with sunshield)					(with sunshield)
Weight		1.6 kg / 3.5 lb			2.6 kg / 5.7 lb (with sunshield)			1.62 kg / 3.57 lb		2.32 kg / 5.11 lb (with sunshield)

Note:

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- No SD/SDHC card slot or local storage function for Argentina.