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- Pinhole Camera









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## Part I. Comparison of GV-IP Cameras

	Box Camera	Ultra Box Camera / Target Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome	Cube Camera / Advanced Cube Camera	Fisheye / Target Fisheye	PT / PTZ Camera	Pinhole Camera			
<b>Models</b>											
<b>Features</b>											
<b>Video</b>	<b>Wide Dynamic Range Pro (WDR Pro)</b>	GV-BX2400 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series	N/A	GV-FD2400 GV-FD2410 GV-FD3400 GV-FD3410 GV-EFD3101	GV-MFD2401 Series GV-MFD3401 Series GV-MFD2700 Series GV-MFD4700 Series GV-MDR3400 Series	GV-EFD2700 Series GV-EFD4700 Series GV-EBD4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FE3402 GV-FE3403 GV-FER3402 GV-FER3403 GV-EFER3700 / 3700-W	N/A	N/A	
	<b>Wide Dynamic Range (WDR)</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX3400 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500	GV-FD2510 GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-MFD3401 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520	GV-ADR2701 / 4701 GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520	GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EDR2100 Series GV-EBD2702	GV-CB120 GV-CB220 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER5700 GV-UNFE2503 / 2502	GV-PT130D GV-PT220D GV-PT320D	GV-UNP2500
	<b>Defog</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-ADR2701 / 4701 GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520	GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	GV-CB120 GV-CB220 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER5700 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	GV-PT130D GV-PT220D GV-PT320D	GV-UNP2500
	<b>3D noise reduction</b>	GV-BX1500 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series	N/A	GV-FD1500 GV-FD1510 GV-FD2500 GV-FD2510	GV-ADR2701 / 4701 GV-MFD1501 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD4700 Series GV-MDR1500 Series	GV-EFD2700 Series GV-EFD4700 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FER5700 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	N/A	GV-UNP2500	
	<b>2D noise reduction</b>	GV-BX1200 Series GV-BX2400 Series GV-BX3400 Series GV-BX5300 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series	GV-FD1200 GV-FD1210 GV-FD2400 GV-FD2410 GV-FD3400 GV-FD3410 GV-FD5300	GV-MFD2401 Series GV-MFD3401 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR3400 Series GV-MDR5300 Series	GV-CB120 GV-CB220 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER12203	N/A	N/A		
	<b>Smart streaming</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series	N/A	N/A	GV-MFD2700 Series GV-MFD4700 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FER5700 GV-EFER3700 / 3700-W	N/A	N/A		
	<b>360° and 180° panorama view</b>	N/A	N/A	N/A	N/A	N/A	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER12203 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	N/A	N/A		
	<b>360° panorama view</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	<b>Panorama PTZ</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	<b>H.265</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series	N/A	N/A	GV-ADR2701 / 4701 GV-MFD2700 Series GV-MFD4700 Series GV-EFD2700 Series	GV-EFD4700 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FER5700 GV-EFER3700 / 3700-W	N/A	N/A	








	Box Camera	Ultra Box Camera / Target Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome	Cube Camera / Advanced Cube Camera	Fisheye / Target Fisheye	PT / PTZ Camera	Pinhole Camera
<b>Models</b>								
<b>Features</b>								
<b>Varifocal lens</b>	GV-BX12201 GV-BX1200-3V GV-BX1500-3V GV-BX2400-3V GV-BX2400-4V GV-BX2500-3V GV-BX2600 GV-BX2700-3V GV-BX3400-4V GV-BX3400-5V GV-BX4700-3V GV-BX5300-6V GV-BX5700-3V	N/A	GV-FD1200 GV-FD1500 GV-FD2400 GV-FD2500 GV-FD3400 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	N/A	N/A	N/A	N/A	N/A
<b>Motorized Varifocal Lens</b>	N/A	N/A	GV-FD1210 GV-FD1510 GV-FD2410 GV-FD2510 GV-FD3410	GV-EBD4711	N/A	N/A	N/A	N/A
<b>Optical zoom</b>	N/A	N/A	GV-FD1210 (3X) GV-FD1510 (3X) GV-FD2410 (3X) GV-FD2510 (3X) GV-FD3410 (3X)	GV-EBD4711 (4.4X)	N/A	N/A	GV-PTZ010D (10X)	N/A
<b>Replaceable lens</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX5300 Series GV-BX2600 GV-BX12201	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Wide FOV (over 90°)</b>	GV-BX1500-8F GV-BX2500-3V GV-BX2500-8F GV-BX2600 GV-BX2700 Series GV-BX3400-5V GV-BX4700-8F GV-BX5300-8F GV-BX5700-8F GV-BX12201	GV-EBX1100-0F GV-EBX2100-0F	GV-FD1500 GV-FD1510 GV-FD2500 GV-FD2510 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-ADR2701 / 4701 GV-MFD1501-0F GV-MFD1501-4F GV-MFD2401-4F GV-MFD2501-0F GV-MFD2501-4F GV-MFD2700-0F GV-MFD2700-6F GV-MFD3401-4F GV-MFD4700-0F GV-MFD4700-6F GV-MFD5301-0F GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR5300-1F GV-EFD1100-0F GV-EFD2100-0F GV-EFD2700-0F GV-EFD4700-0F GV-EDR1100-0F GV-EDR2100-0F GV-EBD2702 / 4700 / 4711 GV-EDR2700-0F GV-EDR4700-0F	N/A	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER12203 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	N/A	N/A
<b>P-Iris</b>	GV-BX1500-3V GV-BX2500-3V GV-BX2700-3V GV-BX3400-3V GV-BX4700-3V GV-BX5300-6V GV-BX5700-3V	N/A	GV-FD1500 GV-FD1510 GV-FD2500 GV-FD2510 GV-FD3400 GV-FD3410 GV-EFD2101 GV-EFD3101 GV-EFD5101	N/A	N/A	N/A	N/A	N/A
<b>Low Lux</b>	GV-BX1200 Series GV-BX5700 Series GV-BX12201	GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-EFD5101	GV-ADR2701 / 4701 GV-EFD1100 Series GV-EFD2100 Series GV-EDR1100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711	N/A	GV-FER5700 GV-FER12203	N/A	N/A
<b>Super Low Lux</b>	GV-BX1500 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX4700 Series	N/A	GV-FD1500 GV-FD1510 GV-FD2500 GV-FD2510 GV-EFD2101 GV-EFD3101	GV-MFD1501 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD4700 Series GV-MDR1500 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	N/A	GV-UNP2500








	Box Camera	Ultra Box Camera / Target Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome	Cube Camera / Advanced Cube Camera	Fisheye	PT / PTZ Camera	Pinhole Camera	
Models									
Features									
<b>Day / Night</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-ADR2701 / 4701 GV-MFD2700 Series GV-MFD4700 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER5700 GV-FER12203 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	GV-PT110D GV-PT130D GV-PT220D GV-PT320D	N/A
	GV-BX2700-3V GV-BX4700-3V GV-BX5700-3V GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-ADR2701 / 4701 GV-MFD2700 Series GV-MFD4700 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FER5700 GV-FER12203 GV-UNFE2503 GV-EFER3700 / 3700-W	GV-PT130D GV-PT220D GV-PT320D	N/A
		GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-ADR2701 / 4701 GV-MFD2700 Series GV-MFD4700 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	N/A	GV-FE3403 GV-FE5303 GV-FER3403 GV-FER5303 GV-FER5700 GV-FER12203 GV-UNFE2503 GV-EFER3700 / 3700-W	GV-PT110D GV-PT130D GV-PT220D GV-PT320D	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	N/A	N/A	N/A
		GV-BX2600 (2MP)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Approval</b>		N/A	N/A	GV-ADR2701 / 4701 GV-EBD4700	N/A	N/A	N/A	N/A	
		N/A	N/A	GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EDR1100 Series GV-EDR2100 Series GV-EDR2700 Series GV-EDR4700 Series GV-EBD2702 / 4711	N/A	GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER12203 GV-UNFE2503 / 2502 GV-EFER3700 / 3700-W	N/A	N/A	

	Box Camera	Ultra Box Camera / Target Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome	Cube Camera / Advanced Cube Camera	Fisheye	PT / PTZ Camera	Pinhole Camera				
<b>Models</b>												
<b>Features</b>												
<b>Approval</b>	<b>Vandal resistant (IK10)*</b>	N/A	N/A	N/A	GV-ADR4701 GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series	GV-MDR5300 Series GV-EDR1100 Series GV-EDR2100 Series GV-EDR2700 Series GV-EDR4700 Series	N/A	N/A	N/A	N/A		
	<b>Vandal resistant (IK10+)</b>	N/A	N/A	N/A	N/A	N/A	GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER5700 GV-FER12203	N/A	N/A	N/A		
	<b>EN50155</b>	N/A	N/A	N/A	GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series	N/A	N/A	N/A	N/A	N/A		
<b>Hardware</b>	<b>Power over Ethernet (PoE)</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 Series GV-EFD2401 Series GV-EFD2501 Series GV-EFD3101 Series GV-EFD5101	GV-ADR2701 / 4701 GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD3401 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520	GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EBD2702 / 4700 / 4711 GV-EDR2700 Series GV-EDR4700 Series	GV-CA120 GV-CA220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER5302 GV-FER5700 GV-FER12203 GV-UNFE2503 / 2502 GV-EFER3700	GV-PT110D GV-PT130D GV-PT220D GV-PT320D GV-PTZ010D	GV-UNP2500	
	<b>Two-way audio</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 Series GV-EFD2401 Series GV-EFD5101	GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD3401 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220	GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD2700 Series GV-EDR2700 Series GV-EBD4711	GV-CB120 GV-CB220 GV-CA120 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700	GV-FE R1220 GV-EF ER370 GV-FER3700-0 / W GV-FER3700-3700-00	GV-PT110D GV-PT130D GV-PT220D GV-PT320D GV-PTZ010D	N/A
	<b>Local storage (memory card slot)*</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD3400 GV-FD3410 GV-FD5300	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 Series GV-EFD2401 Series GV-EFD3101 Series GV-EFD5101	GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD3401 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220	GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD2700 Series GV-EDR2700 Series GV-EBD4711	GV-CB120 GV-CB220 GV-CA120 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-FER5700 GV-FER12203	GV-UN FE250 GV-UN 2502 GV-EF ER370 GV-FER3700-0 / W GV-FER3700-3700-00	GV-PT110D GV-PT130D GV-PT220D GV-PT320D GV-PTZ010D	GV-UNP2500
	<b>TV-out</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX2700 Series GV-BX3400 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series GV-BX12201	N/A	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD3400 GV-FD3410 GV-FD5300	GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 Series GV-EFD2401 Series GV-EFD3101 Series GV-EFD5101	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Wireless</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX2600 GV-BX3400 Series GV-BX2700 Series GV-BX4700 Series GV-BX5300 Series GV-BX5700 Series	N/A	N/A	N/A	GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD3401 Series GV-MFD5301 Series	N/A	GV-CAW120 GV-CAW220	GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER5700 GV-FER12203 GV-EFER3700-W	N/A	N/A	








	Box Camera	Ultra Box Camera / Target Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome	Cube Camera / Advanced Cube Camera	Fisheye	PT / PTZ Camera	Pinhole Camera	
<b>Models</b>									
<b>Features</b>									
<b>Hardware</b>	<b>Pan, Tilt, Zoom (PTZ)</b>	N/A	N/A	N/A	N/A	N/A	N/A	GV-PT110D GV-PT130D GV-PT220D GV-PT320D (Pan, tilt) GV-PTZ010D (Pan, tilt, zoom)	N/A
	<b>3-axis mechanism (Pan, Tilt, Rotate for Fixed Dome)</b>	N/A	N/A	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510 GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-MFD2700 Series GV-MFD4700 Series GV-EBD2702 / 4700 / 4711	N/A	N/A	N/A	N/A
	<b>Extreme temperature tolerance</b>		N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Compact size</b>	N/A	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	N/A	GV-ADR2701 / 4701 GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD2700 Series GV-MFD3401 Series GV-MFD4700 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD1100 Series GV-EFD2100 Series GV-EFD2700 Series GV-EFD4700 Series GV-EDR1100 Series GV-EDR2100 Series GV-EDR2700 Series GV-EDR4700 Series	GV-CB120 GV-CB220 GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-UNFE2503 / 2502	N/A	GV-UNP2500
<b>Other</b>	<b>In-Ceiling Installation</b>	N/A	N/A	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510 GV-FD3400 GV-FD3410 GV-EFD2101 GV-EFD3101 GV-EFD5101	N/A	N/A	GV-FE4301 GV-FE3402 GV-FE5302 GV-FER3402 GV-FER5302	N/A	GV-UNP2500
	<b>NAS</b>	GV-BX1200 Series GV-BX1500 Series GV-BX2400 Series GV-BX2500 Series GV-BX3400 Series GV-BX5300 Series	GV-UBX1301 Series GV-UBX2301 Series GV-UBX3301 Series GV-EBX1100 Series GV-EBX2100 Series	GV-FD1200 GV-FD1210 GV-FD1500 GV-FD1510 GV-FD2400 GV-FD2410 GV-FD2500 GV-FD2510 GV-FD3400 GV-FD3410 GV-FD5300 GV-EFD2101 GV-EFD3101 GV-EFD5101	GV-MFD120 GV-MFD130 GV-MFD1501 Series GV-MFD2401 Series GV-MFD2501 Series GV-MFD3401 Series GV-MFD5301 Series GV-MDR220 GV-MDR320 GV-MDR520 GV-MDR1500 Series GV-MDR3400 Series GV-MDR5300 Series GV-EFD1100 Series GV-EFD2100 Series GV-EDR1100 Series GV-EDR2100 Series	GV-CA120 GV-CA220 GV-CAW120 GV-CAW220	GV-FE4301 GV-FE3402 GV-FE3403 GV-FE5302 GV-FE5303 GV-FER3402 GV-FER3403 GV-FER5302 GV-FER5303 GV-UNFE2503 / 2502	GV-PT130D GV-PT220D GV-PT320D	GV-UNP2500








## Part II. Comparison of GV-IP Cameras








	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera			
<b>Models</b>										
<b>Features</b>										
<b>Video</b>	<b>Wide Dynamic Range Pro (WDR Pro)</b>	GV-BX2400-E GV-BX3400-E GV-BX4700-E	GV-BL2400 GV-BL2702 GV-BL3400 GV-BL3410 GV-BL3401 GV-BL3410 GV-BL3411 GV-BL3700 GV-BL4702 GV-BL4713	GV-UBL2411 GV-UBL3411 GV-UBL2401 Series GV-UBL3401 Series GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711	GV-VD2400 GV-VD3400 GV-VD2430 GV-VD2440 GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4712 GV-EVD3100	GV-VD3430 GV-VD3440 GV-VD3700 GV-VD4711	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE)	GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300-SD GV-PPTZ14021-SD GV-PPTZ14031-SD	N/A
	<b>Wide Dynamic Range (WDR)</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL3400 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL5311 GV-BL2511-E GV-BL5311-E GV-BL5700	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL5101	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400 GV-VD1530 GV-VD1540 GV-VD5700	GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-VD5711 GV-VD8700 GV-EVD2100 GV-EVD5100	GV-SD2322-IR	GV-PPTZ7300-FE	N/A
	<b>Defog</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL3410 Series GV-BL2511-E GV-BL5311-E	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400 GV-VD3700 GV-VD4702 GV-VD4712 GV-VD5700	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-VD4711 GV-VD5711 GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD2322-IR GV-SD3732-IR	GV-PPTZ7300	N/A
	<b>3D noise reduction</b>	GV-BX1500-E GV-BX2510-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1511 GV-BL2511 GV-BL2511-E	GV-ABL2701 / 4701 GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD1500 GV-VD1530 GV-VD1540 GV-VD2500 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4712	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	N/A	N/A
	<b>2D noise reduction</b>	GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX5310-E	GV-BL2400 GV-BL3400 GV-BL3401	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL3411 GV-BL5311 GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD2400 GV-VD3400	GV-VD2430 GV-VD2440 GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E	N/A	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	TM0100
	<b>Smart streaming</b>	GV-BX4700-E	GV-BL2702 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713		GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4712	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711	N/A	GV-PPTZ14021-FE GV-PPTZ14031-FE	N/A
	<b>360° and 180° panorama view</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>360° panorama view</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
	<b>Panorama PTZ</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
	<b>H.265</b>	GV-BX4700-E	GV-BL2702 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713		GV-ABL2701 / 4701 GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4712	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD8700	GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ14021-SD GV-PPTZ14031-SD	N/A










	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera			
<b>Models</b>										
<b>Features</b>										
<b>Lens</b>	<b>Varifocal lens</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL5700	GV-EBL2101 GV-EBL3101 GV-EBL5101	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD2702 GV-VD4702	GV-VD3400 GV-VD3700 GV-VD5700 GV-VD1530 GV-VD2430 GV-VD2530 GV-VD3430 GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	N/A	N/A	N/A	
	<b>Motorized Varifocal Lens</b>	GV-BX2510-E GV-BX5310-E	GV-BL1210 GV-BL3410 GV-BL4713 GV-BL5310 GV-BL5713	GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-EBL2111 GV-EBL4711	GV-VD1540 GV-VD2440 GV-VD2540 GV-VD2540-E GV-VD2712 GV-VD3440 GV-VD4711 GV-VD4712 GV-VD5340 GV-VD5340-E GV-VD5711	N/A	N/A	N/A	
	<b>Optical zoom</b>	GV-BX2510-E (2.4X) GV-BX5310-E (2X)	GV-BL1210 (3X) GV-BL1511 (3X) GV-BL2511 (3X) GV-BL2511-E (3X) GV-BL3410 (3X) GV-BL3411 (3X) GV-BL4713 (4.3X) GV-BL5310 (2X) GV-BL5311 (2X) GV-BL5311-E (2X) GV-BL5713 (2X)	GV-UBL2111 (4.3X) GV-UBL1211 (3X) GV-UBL1511 (3X) GV-UBL2411 (3X) GV-UBL3411 (3X) GV-EBL4711 (4.4X)	GV-VD1540 (3X) GV-VD2440 (3X) GV-VD2540 (3X) GV-VD2540-E (3X) GV-VD2712 (4.3X) GV-VD3440 (3X) GV-VD5340 (3X) GV-VD5340-E (3X) GV-VD4711 (4.3X) GV-VD4712 (4.3X) GV-VD5711 (2X)	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A		
	<b>Replaceable lens</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	<b>Wide FOV (over 90°)</b>	N/A	GV-BL1500 GV-BL2500 GV-BL1501 GV-BL2501 GV-BL1511 GV-BL2511 GV-BL2511-E GV-BL2702-3V GV-BL3700 GV-BL4702 GV-BL4713	GV-UBL1511 GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL5101 GV-EBL4711	GV-VD1500 GV-VD2500 GV-VD1530 GV-VD1540 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-VD4702	GV-VD5340 GV-VD5340-E GV-VD3700 GV-VD4711 GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	N/A	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A	
	<b>P-Iris</b>	GV-BX1500-EGV -BX2510-E GV-BX3400-E GV-BX5310-E GV-BX4700-E	GV-BL1501 GV-BL1511 GV-BL2501 GV-BL2511 GV-BL2511-E GV-BL2702 GV-BL3401 GV-BL3411 GV-BL4702 GV-BL4713 GV-BL5311 GV-BL5311-E GV-BL5713	GV-BL3700 GV-BL5700	GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL5101 GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD3700 GV-VD4702 GV-VD4711 GV-VD4712 GV-VD5700 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD3100 GV-EVD5100	N/A	N/A	N/A
	<b>Low Lux</b>		GV-BL1210 GV-BL5700 GV-BL5713	GV-ABL2701 / 4701 GV-UBL1211 GV-EBL1100 GV-EBL2100 Series GV-EBL5101	GV-VD120D GV-VD121D GV-VD122D GV-VD123D GV-VD5700 GV-VD5711 GV-VD8700	GV-EVD5100	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A	
	<b>Super Low Lux</b>	GV-BX1500-E GV-BX2510-E GV-BX4700-E	GV-BL1500 GV-BL2500 GV-BL1501 GV-BL2501 GV-BL2702 GV-BL3700 GV-BL4702 GV-BL4713	GV-BL1511 GV-BL2511	GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711	GV-VD1500 GV-VD2500 GV-VD1530 GV-VD1540 GV-VD3700 GV-VD4702 GV-VD4711 GV-VD4712	GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-EVD2100 GV-EVD3100	GV-SD2300 GV-SD2301 GV-SD2411	N/A	N/A



	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera				
Models											
Features											
Night	<b>Day / Night</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL1511 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD1530 GV-VD1540 GV-VD2400 GV-VD2500 GV-VD3400	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E	GV-VD2702 GV-VD2712 GV-VD3430 GV-VD3440 GV-VD4702 GV-VD4712 GV-VD5340-E GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
	<b>Intelligent IR</b>	GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL1511 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712	GV-VD3430 GV-VD3440 GV-VD4702 GV-VD4712 GV-VD5340 GV-VD5340-E GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	N/A	N/A
	<b>Built-in IR LED</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL1511 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4712	GV-VD3400 GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD3100	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	N/A	N/A
	<b>High Power IR LEDs</b>	GV-BX2510-E GV-BX5310-E	N/A	N/A	N/A	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530	GV-VD2540 GV-VD2540-E GV-VD3430 GV-VD3440	GV-VD5340 GV-VD5340-E GV-VD4711 GV-VD5711	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	N/A	N/A
	<b>White Illumination LED</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	<b>60 FPS</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	GV-SD220 (1MP) GV-SD2300 (1MP) GV-SD2301 (1MP) GV-SD2411 (2MP) GV-SD3732-IR (2MP)	GV-PPTZ7300-SD (1 MP)	N/A
	<b>Ingress Protection (IP66)</b>	N/A	N/A	N/A	GV-ABL2701 / 4701	GV-VD8700	N/A	N/A	GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	N/A	TM0100
Approval	<b>Ingress Protection (IP67)</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD2702 GV-VD2712 GV-VD3400 GV-VD4702 GV-VD4712	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540-E	GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-S-20X GV-SD220-S-30X GV-SD220-S-20X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
	<b>Ingress Protection (IP67)</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD2702 GV-VD2712 GV-VD3400 GV-VD4702 GV-VD4712	GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540-E	GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-S-20X GV-SD220-S-30X GV-SD220-S-20X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A

	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera				
<b>Models</b>											
<b>Features</b>											
<b>Approval</b>	<b>Vandal resistant (IK10)*</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD3700 GV-VD4702 GV-VD4712 GV-VD5700 GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-S-20X GV-SD220-S-30X GV-SD220-S-20X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A		
	<b>Vandal resistant (IK10+)</b>	N/A	N/A	N/A	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E	GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-VD4711 GV-VD5711	N/A	N/A	N/A	
	<b>EN50155</b>	N/A	N/A	N/A	N/A						
	<b>Power over Ethernet (PoE)</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400 GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E	GV-VD2702 GV-VD2712 GV-VD3430 GV-VD3440 GV-VD4702 GV-VD4712 GV-VD5340 GV-VD5340-E GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	TM0100
	<b>Two-way audio</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	N/A	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD2702 GV-VD2712	GV-VD4702 GV-VD4712 GV-VD3400 GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711	GV-VD2540-E GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-VD4711 GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
<b>Local storage (memory card slot)*</b>	GV-BX2510-E GV-BX5310-E	GV-BL1500 GV-BL1501 GV-BL2400 GV-BL2500 GV-BL2501 GV-BL2702 GV-BL3400 GV-BL3401 GV-BL3700 GV-BL4702 GV-BL4713 GV-BL5700 GV-BL5713	GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511 GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400 GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-VD3430 GV-VD3440 GV-VD4702 GV-VD4712 GV-VD5340 GV-VD5340-E	GV-VD8700	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A	
<b>TV-out</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	N/A		N/A	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400 GV-VD3700 GV-VD5700 GV-VD4711 GV-VD5711	GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E GV-VD2702 GV-VD2712 GV-VD3430 GV-VD3440 GV-VD4702 GV-VD4712 GV-VD5340 GV-VD5340-E	GV-SD2322-IR GV-SD3732-IR	N/A	N/A		

	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera		
<b>Models</b>									
<b>Features</b>									
<b>Hardware</b>	<b>Wireless</b>	N/A	N/A	N/A	N/A	N/A	N/A		
	<b>Pan, Tilt, Zoom (PTZ)</b>	N/A	N/A	N/A	N/A	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X(PoE) GV-SD220-30X(PoE) GV-SD220-S-30X(PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A	
	<b>3-axis mechanism (Pan, Tilt, Rotate for Fixed Dome)</b>	N/A	N/A	N/A	GV-VD2540-E GV-VD5340-E GV-VD1540 GV-VD2440 GV-VD2540 GV-VD3440 GV-VD5340 GV-VD1530 GV-VD2430 GV-VD2530 GV-VD3430 GV-VD1500 GV-VD2400 GV-VD2500 GV-VD3400	GV-VD120D Series GV-VD220D Series GV-VD320D Series GV-VD2702 GV-VD2712 GV-VD3700 GV-VD4702 GV-VD4712 GV-VD5700 GV-VD4711 GV-VD5711 GV-VD8700 GV-EVD2100 GV-EVD3100 GV-EVD5100			
	<b>Extreme temperature tolerance</b>	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E GV-BX4700-E	GV-BL2511-E GV-BL5311-E	N/A	GV-VD2540-E GV-VD5340-E		GV-SD220-S-20X GV-SD220-S-30X GV-SD220-S-20X (PoE) GV-SD220-S-30X (PoE) GV-SD2300 GV-SD2301 GV-SD2411 GV-SD2322-IR GV-SD3732-IR GV-SD2723-IR GV-SD2733-IR	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A
	<b>Compact size</b>	N/A	N/A	GV-ABL2701 / 4701 GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL2101 GV-EBL2111 GV-EBL3101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL5101 GV-EBL4711	N/A				
<b>Other</b>									
<b>In-Ceiling Installation</b>	N/A	N/A	N/A	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400	GV-VD2500 GV-VD2702 GV-VD2712 GV-VD3400 GV-VD4702 GV-VD4711 GV-VD4712 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD3100 GV-EVD5100	GV-SD220-20X GV-SD220-S-20X GV-SD220-30X GV-SD220-S-30X GV-SD220-20X (PoE) GV-SD220-S-20X (PoE) GV-SD220-30X (PoE) GV-SD220-S-30X (PoE) GV-SD2300	GV-PPTZ7300 GV-PPTZ14021 GV-PPTZ14031	N/A

	IR Arctic Box Camera	IR Bullet Camera		Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome		IP Speed Dome	Panoramic PTZ IP Camera	Thermal IP Camera		
Models											
Other	NAS										
	GV-BX1500-E GV-BX2400-E GV-BX3400-E GV-BX5300-E GV-BX2510-E GV-BX5310-E	GV-BL120D GV-BL130D GV-BL220D GV-BL320D GV-BL1500 GV-BL2400 GV-BL2500 GV-BL3400 GV-BL1501	GV-BL2501 GV-BL3401 GV-BL1210 GV-BL3410 GV-BL5310 GV-BL1511 GV-BL2511	GV-BL3411 GV-BL5311 GV-BL2511-E GV-BL5311-E	GV-UBL1211 GV-UBL2411 GV-UBL3411 GV-UBL1301 Series GV-UBL2401 Series GV-UBL3401 Series GV-EBL1100 Series GV-EBL2100 Series GV-EBL5101	GV-VD120D GV-VD121D GV-VD220D GV-VD221D GV-VD320D GV-VD321D GV-VD1500 GV-VD2400 GV-VD2500	GV-VD3400 GV-VD1530 GV-VD1540 GV-VD2430 GV-VD2440 GV-VD2530 GV-VD2540 GV-VD2540-E	GV-VD3430 GV-VD3440 GV-VD5340 GV-VD5340-E GV-EVD2100 GV-EVD3100 GV-EVD5100	N/A	GV-PPTZ7300	N/A

**Note:**

- Memory card slot (local storage) is not supported for Argentina.
- Mind the following when using a memory card for recording:
  - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
  - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.
  - Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
  - To avoid power outage, it is highly recommended to apply a battery backup (UPS).
  - For better performance, it is highly recommended to use Micro SD card of MLC NAND flash, Class 10.
  - Replace the memory card when its read/write speed is lower than 6 MB/s or when the memory card is frequently undetected by the camera.
- Mind the following limitations and requirements for local storage (USB hard drive):
  - The USB hard drive must be of 2.5" or 3.5", version 2.0 or above
  - The USB hard drive's storage capacity must not exceed 2TB
  - USB flash drives and USB hubs are not supported
  - External power supply is required
  - To connect a GV-WiFi Adapter, make sure it is connected before the camera is powered on.
- The following models are IK10 vandal resistant for their metal casing:
  - IR Arctic Box Camera
  - Bullet Camera
  - Ultra Bullet Camera
  - Target Bullet Camera
  - Mini Fixed Rugged Dome
  - Target Mini Fixed Rugged Dome
  - Fisheye Rugged Camera
- GV-SD220-S and GV-PPTZ7300 are IK10 vandal resistant for their metal and polycarbonate casing.
- GV-SD2322-IR / 2723-IR / 2733-IR / 3732-IR, GV-PPTZ14021 / PPTZ14031 are IK10 vandal resistant for their metal casing.
- GV-SD220/220-S starts supporting PoE from November, 2014.