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**To refer to all models prior to Aug 22, 2019, click [here](#).**







## Part I. Comparison of GV-IP Cameras

	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	Fisheye / Target Fisheye	Pinhole Camera	Virtual Reality Camera	
<b>Models</b>							
<b>Features</b>							
<b>Wide Dynamic Range Pro (WDR Pro)</b>	GV-BX2700 Series GV-BX4700 Series GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-MD8710-FD GV-PDR8800	GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EDR2700 Series GV-EBFC5800	GV-EDR4700 Series GV-EFD2700 Series GV-EFD4700 Series GV-TDR2704 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR4700 GV-TFD4700 GV-TFD4800 GV-TDR8805	GV-EFER3700 / 3700-W GV-FER5701 / 5702	N/A	N/A
<b>Wide Dynamic Range (WDR)</b>	GV-BX5700 Series GV-BX12201	GV-FD8700-FR GV-EFD2101	GV-EBD2702 GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-TDR2702 Series GV-TDR4702 Series	GV-UNFE2503 GV-FER12700 GV-QFER12700	GV-UNP2500	GV-VR360	
<b>Defog</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EDR2700 Series GV-EDR4700 Series GV-TDR2702 Series GV-TDR2704 Series GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR2700 GV-TDR4700 GV-TFD4700	GV-EFD2700 Series GV-EFD4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-FER5701 / 5702 GV-UNFE2503 GV-EFER3700 / 3700-W GV-FER12700 GV-QFER12700	GV-UNP2500	GV-VR360
<b>3D noise reduction</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-MD8710-FD GV-FD8700-FR GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EDR2700 Series GV-EDR4700 Series GV-TDR2702 Series GV-TDR2704 Series GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR2700 GV-TDR4700 GV-TFD4700 GV-TDR8805 GV-TFD4800	GV-EFD2700 Series GV-EFD4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-FER5701 / 5702 GV-UNFE2503 GV-EFER3700 / 3700-W GV-FER12700 GV-QFER12700	GV-UNP2500	GV-VR360
<b>2D noise reduction</b>	GV-BX12201	GV-FD8700-FR	N/A	GV-FER5702 GV-FER12203	N/A	GV-VR360	
<b>Smart streaming</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2600-FD GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD	GV-MD8710-FD	GV-EBD4700 GV-EFD2700 Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-EFER3700 / 3700-W	N/A	N/A	
<b>360° and 180° panorama view</b>	N/A	GV-PDR8800	N/A	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W GV-QFER12700	N/A	N/A	
<b>Orbit view</b>	N/A	N/A	N/A	N/A	N/A	GV-VR360	
<b>Panorama PTZ</b>	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 GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EDR2700 Series GV-EDR4700 Series GV-TDR2702 Series GV-TDR2704 Series GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR2700 GV-TDR2704 Series GV-TDR4700 GV-TDR4704 Series GV-TDR4803 Series GV-TFD4700 GV-TFD4800 GV-TDR8805	GV-EFD2700 Series GV-EFD4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-FER5701 / 5702 GV-EFER3700 / 3700-W GV-FER12700 GV-QFER12700	N/A	GV-VR360









	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	Fisheye / Target Fisheye	Pinhole Camera	Virtual Reality Camera		
<b>Models</b>								
<b>Features</b>								
<b>Video</b>	<b>Rotate 90°/270° (Corridor format)</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD	GV-EFD2101 GV-MD8710-FD GV-PDR8800	GV-ADR4701 GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4704 GV-EBD4711 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8700 GV-EBD8813	GV-EFD2700Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR2704 Series GV-TDR4700 GV-TDR4803 Series GV-TDR4704 Series GV-TDR8805 GV-TFD4800	N/A	GV-UNP2500	N/A
	<b>Varifocal lens</b>	GV-BX12201 GV-BX2700-3V GV-BX4700-3V GV-BX5700-3V GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD	GV-EFD2101 GV-FD8700-FR	N/A	N/A	N/A	N/A	N/A
	<b>Motorized Varifocal Lens</b>	N/A	GV-MD8710-FD	GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8813	N/A	N/A	N/A	N/A
	<b>Optical zoom</b>	N/A	GV-MD8710-FD (2X)	GV-EBD4711 (4.4X) GV-EBD4712 (4.3X) GV-EBD4813 (5x)	GV-EBD8711 (4.3X)	N/A	N/A	N/A
	<b>Replaceable lens</b>	GV-BX2700 Series GV-BX12201	N/A	N/A	N/A	N/A	N/A	N/A
<b>Lens</b>	<b>Wide FOV (over 90°)</b>	GV-BX2700 Series GV-BX4700-8F GV-BX5700-8F GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX8700-FD	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702-0F GV-ADR4701 GV-ADR4702-0F GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-TDR2702-0F GV-TDR4702-0F GV-TDR4703 Series GV-TDR4803 Series	GV-EDR2700-0F GV-EDR4700-0F GV-EFD2700-0F GV-EFD4700-0F GV-MFD2700-0F GV-MFD2700-6F GV-MFD4700-0F GV-MFD4700-6F GV-TDR2700 GV-TDR2704-2F GV-TDR4700 GV-TDR4704-2F GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W GV-QFER12700	N/A	GV-VR360
	<b>P-Iris</b>	GV-BX2700-3V GV-BX4700-3V GV-BX5700-3V GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD	N/A	N/A	N/A	N/A	N/A
	<b>Low Lux</b>	GV-BX5700 Series GV-BX12201	GV-FD8700-FR	GV-ADR2702 Series GV-EBD2702 GV-EBD2704 GV-EBD8700 GV-TDR2700 GV-TDR2702 Series	GV-TDR2704 Series	GV-FER5701 GV-FER12203 GV-FER12700 GV-QFER12700	N/A	GV-VR360
	<b>Super Low Lux</b>	GV-BX2700 Series (Starlight) GV-BX4700 Series GV-BX8700 GV-BX2700-FD (Starlight) GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101 GV-MD8710-FD GV-PDR8800	GV-ADR4701 GV-ADR4702 Series GV-MFD2700 Series (Starlight) GV-MFD4700 Series GV-EFD2700 Series (Starlight) GV-EFD4700 Series GV-EDR2700 Series (Starlight) GV-EDR4700 Series GV-EBFC5800	GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TFD4700 GV-TFD4800 GV-TDR8805	GV-EFER3700 / 3700-W GV-FER5702 GV-UNFE2503	GV-UNP2500	N/A










	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	Fisheye / Target Fisheye	Pinhole Camera	Virtual Reality Camera	
<b>Models</b>							
<b>Features</b>							
<b>Day / Night</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EFD2700Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TFD4700 GV-TDR8805 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700/ 3700-W GV-QFER12700	N/A	GV-VR360
<b>Night Intelligent IR</b>	GV-BX2700-3V GV-BX4700-3V GV-BX5700-3V GV-BX12201	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813	GV-EFD2700Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W	N/A	GV-VR360
<b>Built-in IR LED</b>	N/A	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813	GV-EFD2700Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W GV-QFER12700	N/A	GV-VR360
<b>High Power IR LEDs</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>60 FPS</b>	GV-BX4802	N/A	N/A	N/A	N/A	N/A	N/A
<b>Ingress Protection (IP66)</b>	N/A	N/A	GV-ADR4701		GV-FER5702 GV-QFER12700	N/A	N/A
<b>Ingress Protection (IP67)</b>	N/A	GV-PDR8800	GV-ADR2702 Series GV-ADR4702 Series GV-AVD4702 GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EDR2700 Series GV-EDR4700 Series GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4700 GV-TDR4803 Series GV-TDR8805	GV-FER5701 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W	N/A	GV-VR360

	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	Fisheye / Target Fisheye	Pinhole Camera	Virtual Reality Camera			
<b>Models</b>									
<b>Features</b>									
<b>Approval</b>	<b>Vandal resistant (IK10)*</b>	N/A	GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8813	GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-EDR2700 Series GV-EDR4700 Series GV-TDR8805	GV-FER5702 GV-QFER12700	N/A	GV-VR360	
	<b>Vandal resistant (IK10+)</b>	N/A	N/A	N/A	N/A	GV-FER5701 GV-FER12203 GV-FER12700	N/A	N/A	
	<b>UL Certified</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	<b>EN50155</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	<b>Power over Ethernet (PoE)</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-EFD2700Series GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR2702 Series GV-TDR2704 Series GV-TDR4700 GV-TDR4702 Series GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 GV-QFER12700	GV-UNP2500	GV-VR360	
<b>Hardware</b>	<b>Two-way audio</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101 GV-MD8710-FD	GV-MFD2700 Series GV-MFD4700 Series GV-TDR2700 GV-TDR4700 GV-TDR4703 Series GV-TFD4700 GV-TFD4800 GV-TDR8805	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-EFER3700 / 3700-W GV-QFER12700	N/A	N/A		
	<b>Local storage (memory card slot)*</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-EFD2700 Series GV-EDR2700 Series GV-EBD2704 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-TDR2704 Series GV-TDR4703 Series GV-TDR4704 Series GV-MFD2700 Series GV-TDR2700 GV-TDR4700 GV-TDR4803 Series GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5701 / 5702 GV-FER12203 GV-FER12700 GV-UNFE2503 GV-EFER3700 / 3700-W GV-QFER12700	GV-UNP2500	N/A	
	<b>TV-out</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX12201 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-EFD2101	N/A	N/A	N/A	N/A	N/A	N/A
	<b>Wireless</b>	GV-BX2700 Series GV-BX4700 Series GV-BX5700 Series GV-BX8700 GV-BX2700-FD GV-BX4700-FD GV-BX8700-FD	N/A	N/A	N/A	GV-FER5701 GV-FER12700 GV-EFER3700-W	N/A	N/A	









	Box Camera	Fixed IP Dome / Target Fixed IP Dome	Mini Fixed Dome / Mini Fixed Rugged Dome / Target Mini Fixed Rugged Dome / Target Eyeball Dome		Fisheye / Target Fisheye	Pinhole Camera	Virtual Reality 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	
	<b>3-axis mechanism (Pan, Tilt, Rotate for Fixed Dome)</b>	N/A	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD GV-PDR8800	GV-MFD2700 Series GV-MFD4700 Series GV-EBD2702 GV-EBD2704 GV-EBD4700 GV-EBD4701 GV-EBD4704 GV-EBD4711 GV-EBD4712 GV-EBD4813 GV-EBD8700 GV-EBFC5800	GV-EBD8711 GV-EBD8800 GV-EBD8813 GV-TDR2700 GV-TDR2704 Series GV-TDR4700 GV-TDR4703 Series GV-TDR4704 Series GV-TDR4803 Series GV-TDR8805 GV-TFD4700 GV-TFD4800	N/A	N/A	
	<b>Extreme temperature tolerance</b>	N/A	N/A	N/A		N/A	N/A	
	<b>Compact size</b>	N/A	N/A	GV-ADR2702 Series GV-ADR4701 GV-ADR4702 Series GV-MFD2700 Series GV-MFD4700 Series GV-EFD2700 Series	GV-EFD4700 Series GV-EDR2700 Series GV-EDR4700 Series GV-TDR2702 Series GV-TDR4702 Series GV-TDR8805 GV-TFD4800	GV-UNFE2503	GV-UNP2500	N/A
	<b>In-Ceiling Installation</b>	N/A	GV-EFD2101 GV-FD8700-FR GV-MD8710-FD	N/A		N/A	GV-UNP2500	N/A
	<b>NAS</b>	N/A	N/A	N/A		N/A	GV-UNP2500	N/A
<b>Others</b>	<b>Face Detection</b>	GV-BX2600-FD GV-BX2700 GV-BX2700-FD GV-BX4700 GV-BX4700-FD GV-BX8700-FD GV-BX2802 GV-BX4802	GV-FD8700-FR (with Face Recognition) GV-MD8710-FD	GV-EBD4813 GV-EBFC5800	GV-TDR4803 Series GV-TDR8805 GV-TFD4800	N/A	N/A	
	<b>Pigtail-free</b>	N/A	N/A	N/A	GV-TFD4700 GV-TFD4800	N/A	N/A	
	<b>Full Color</b>	N/A	N/A	GV-EBFC5800	N/A	N/A	N/A	









## 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	PTZ IP Camera	Surround Video IP Camera	Thermal IP Camera		
<b>Models</b>										
<b>Features</b>										
<b>Video</b>	<b>Wide Dynamic Range Pro (WDR Pro)</b>	GV-BX4700-E	GV-BL2702 GV-BL4713 GV-PBL8800	GV-EBL4702 Series GV-EBL4711 GV-ABL2702 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-TBL2705 GV-TBL4705 GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8804 GV-TBL8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711	GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
	<b>Wide Dynamic Range (WDR)</b>	N/A	N/A	GV-ABL2701 GV-ABL4701 GV-EBL2101 GV-TBL2703 Series GV-TBL4700 GV-TBL4703	GV-VD5711 GV-VD8700 GV-EVD2100 GV-EVD5100	GV-TVD4700	N/A	GV-SV48000	N/A	
	<b>Defog</b>	GV-BX4700-E	GV-BL2702 GV-BL4713 GV-PBL8800	GV-ABL2701 GV-ABL2702 GV-ABL4701 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL2702 Series GV-EBL4702 Series GV-EBL4711 GV-TBL2703 Series GV-TBL2705 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8804 GV-TBL8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2722-IR GV-SD3732-IR GV-SD4825-IR GV-SD4834-IR	N/A	GV-SV48000	GV-TMEB5800
	<b>3D noise reduction</b>	GV-BX4700-E	GV-BL2702 GV-BL4713 GV-PBL8800	GV-ABL2701 GV-ABL2702 GV-ABL4701 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL4702 Series GV-EBL4711 GV-TBL2703 Series GV-TBL2705 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8804 GV-TBL8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD2301 V2 GV-SD2411 V2 GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR	GV-SV48000	GV-TMEB5800
	<b>2D noise reduction</b>	N/A	N/A	N/A	GV-VD8700			N/A	N/A	N/A
	<b>Smart streaming</b>	GV-BX4700-E	GV-BL2702 GV-BL4713	GV-EBL4702 Series GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711		N/A	N/A	GV-SV48000	N/A
	<b>360° and 180° panorama view</b>	N/A	GV-PBL8800	N/A	N/A		N/A	N/A	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	PTZ IP Camera	Surround Video IP Camera	Thermal IP Camera	
Models										
Features										
<b>Video</b>	<b>H.265</b>	GV-BX4700-E GV-BL2702 GV-BL4713 GV-PBL8800		GV-ABL2701 GV-ABL2702 GV-ABL4701 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL4702 Series GV-EBL4711 GV-TBL2703 Series GV-TBL2705 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-BLFC5800	GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8804 GV-TBL8810 GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD2301 V2 GV-SD2411 V2 GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
	<b>Rotate 90°/270° (Corridor format)</b>	GV-BX4700-E GV-BL2702 GV-BL4713 GV-PBL8800		GV-ABL2702 GV-ABL4701 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL4702 Series GV-EBL4711 GV-TBL2705 GV-TBL4700 / 4710 / 4810 / 8710 / 8804 / 8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2722-IR GV-SD3732-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	N/A	N/A	N/A
	<b>Varifocal lens</b>	GV-BX4700-E	GV-BL2702	GV-EBL2101 GV-ABL2702 GV-TBL4700	GV-VD2702 GV-VD4702 GV-VD8700	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-TVD4700	N/A	N/A	N/A	N/A
	<b>Motorized Varifocal Lens</b>	N/A	GV-BL4713	GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8810	GV-VD2712 GV-VD4711 GV-VD5711	GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	N/A	GV-PTZ5810-IR	N/A	N/A
	<b>Optical zoom</b>	N/A	GV-BL4713 (4.3X)	GV-EBL4711 (4.4X) GV-ABL4711 (4.3X) GV-ABL4712 / 8712 (4.3X) GV-TBL4710 / 4711 / 8710 / 8810 (4.3X) GV-TBL4810 (5x)	GV-VD2712 (4.3X) GV-VD4711 (4.3X) GV-VD5711 (2X) GV-AVD4710 / 8710 (4.3X) GV-TVD4710 / 4711 / 8710 / 8810 (4.3X) GV-TVD4810 (5x)	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A	N/A	
	<b>Replaceable lens</b>	N/A	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-BL2702-3V GV-BL4713 GV-PBL8800	GV-EBL2101 GV-EBL4711 GV-ABL2702 / 4711 / 4712 / 8712 GV-TBL2705 / 4700 / 4710 / 4711 / 4810 / 8710 / 8810	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD8700	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	N/A	N/A	GV-SV48000	N/A
	<b>P-Iris</b>	GV-BX4700-E	GV-BL2702 GV-BL4713	GV-EBL2101 GV-EBL4711	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD5100	N/A	N/A	N/A	N/A
	<b>Low Lux</b>	N/A	N/A	GV-ABL2701 GV-ABL2702 GV-TBL2703 Series GV-TBL2705	GV-VD5711 GV-VD8700	GV-EVD5100 GV-AVD2700	GV-SD2301 V2 GV-SD2411 V2 GV-SD3732-IR GV-SD2733-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	N/A	GV-SV48000	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	PTZ IP Camera	Surround IP Camera	Thermal IP Camera
<b>Models</b>								
<b>Features</b>	GV-BX4700-E	GV-BL2702 (Starlight) GV-BL4713 GV-PBL8800	GV-ABL4701 GV-ABL4703 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL4702 Series GV-EBL4711 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4710 GV-TBL4711 GV-TBL4810 GV-TBL8710 GV-TBL8804 GV-TBL8810 GV-BLFC5800	GV-VD2702 (Starlight) GV-VD2712 (Starlight) GV-VD4702 GV-VD4711	GV-EVD2100 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR N/A	GV-TMEB5800
<b>Lens</b>	Super Low Lux							
<b>Approval</b>	<b>Vandal resistant (IK10)*</b>	GV-BX4700-E GV-BL2702 GV-BL4713 GV-PBL8800	GV-ABL2702 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL4702 Series GV-EBL4711 GV-TBL4700 / 4710 / 4711 / 4810 / 8710 / 8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD8700	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Outdoor (for housing) GV-QSD5731-IR (for housing)	N/A GV-SV48000	N/A
<b>Vandal resistant (IK10+)</b>	N/A	N/A	N/A	GV-VD4711 GV-VD5711	N/A	N/A	N/A	N/A
<b>EN50155</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>UL Certified</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Power over Ethernet (PoE)</b>	GV-BX4700-E	GV-BL2702 GV-BL4713 GV-PBL8800	GV-ABL2701 GV-ABL2702 GV-ABL4701 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL2101 GV-EBL4702 Series GV-EBL4711 GV-TBL2703 Series GV-TBL2705 GV-TBL4700 / 4703 / 4705 / 4710 / 4711 / 4810 / 8710 / 8804 / 8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2301 V2 GV-SD2411 V2 GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR GV-SV48000	GV-TM0100 GV-TMEB5800
<b>Hardware</b>	<b>Two-way audio</b>	GV-BX4700-E GV-BL2702 GV-BL4713	GV-ABL2702 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL4702 Series GV-EBL4711 GV-TBL4710 / 4711 / 4810 / 8710 / 8804 / 8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD2732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR GV-SV48000	GV-TMEB5800
<b>Local storage (memory card slot)*</b>	N/A	GV-BL2702 GV-BL4713 GV-PBL8800	GV-ABL2702 GV-ABL4711 GV-ABL4712 GV-ABL8712 GV-EBL4702 Series GV-EBL4711 GV-TBL2705 GV-TBL4700 / 4705 / 4710 / 4711 / 4810 / 8710 / 8804 / 8810 GV-BLFC5800	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD2732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR GV-SV48000	GV-TMEB5800

	IR Arctic Box Camera	IR Bullet Camera	Ultra Bullet Camera / Target Bullet Camera	IR Vandal Proof Dome / Target Vandal Proof Dome	IP Speed Dome	PTZ IP Camera	Surround IP Camera	Thermal IP Camera
<b>Models</b>								
<b>Features</b>	GV-BX4700-E	N/A	GV-ABL8712 GV-TBL8710	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711	GV-EVD2100 GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4710 GV-TVD8710	GV-SD2722-IR GV-SD3732-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	N/A	N/A
<b>TV-out</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Wireless</b>	N/A	N/A	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	N/A	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A
<b>3-axis mechanism (Pan, Tilt, Rotate for Fixed Dome)</b>	N/A	GV-PBL8800	N/A	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD5100 GV-AVD2700 GV-AVD4710 GV-AVD8710 GV-TVD4700 GV-TVD4710 GV-TVD4711 GV-TVD4810 GV-TVD8710 GV-TVD8810	N/A	N/A	GV-TMEB5800
<b>Extreme temperature tolerance</b>	N/A	N/A	N/A	N/A	N/A	GV-SD2301 V2 GV-SD2411 V2 GV-SD2722-IR GV-SD3732-IR GV-SD2733-IR GV-QSD5730-Indoor GV-QSD5730-Outdoor GV-QSD5731-IR	N/A	N/A
<b>Compact size</b>	N/A	N/A	GV-ABL2701 GV-ABL4701 GV-EBL2101BL3101 GV-EBL4702 Series GV-EBL4711	N/A	N/A	N/A	N/A	N/A
<b>In-Ceiling Installation</b>	N/A	N/A	N/A	GV-VD2702 GV-VD2712 GV-VD4702 GV-VD4711 GV-VD5711 GV-VD8700	GV-EVD2100 GV-EVD5100	GV-QSD5730-Indoor	N/A	N/A
<b>NAS</b>	N/A	N/A	N/A	GV-EVD2100 GV-EVD5100	N/A	N/A	N/A	N/A
<b>Face Detection</b>	N/A	N/A	GV-TBL4810 GV-TDR4803 GV-TBL4810 GV-TVD4810 GV-EBD4813 GV-BLFC5800 GV-TBL8810 GV-TVD8810 GV-TBL8804 GV-EBD8800 GV-EBD8813	GV-VD8700 (with Face Recognition)	GV-TVD4810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A
<b>Pigtail-free</b>	N/A	GV-PBL8800	N/A	GV-TVD4711	N/A	N/A	N/A	N/A
<b>Full Color</b>	N/A	N/A	GV-BLFC5800 GV-TBL8804	N/A	N/A	N/A	N/A	N/A

**Note:**

1. 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.
2. 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.
3. 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
4. GV-PPTZ7300 is IK10 vandal resistant for their metal and polycarbonate casing.
5. GV-SD2301 V2 / 2411 V2 / 2722-IR / 2733-IR / 3732-IR / 4825-IR / 4834-IR, GV-PPTZ14021 / PPTZ14031 are IK10 vandal resistant for their metal casing.