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Part I. Comparison of GV-IP Cameras

Features \ Models	Box Camera	Eyeball Camera	Mini Fixed Dome	Fisheye Camera	Pinhole Camera	Multi-Sensor / Panoramic
						
Video						
Wide Dynamic Range Pro (WDR Pro)	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 (to be supported) GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 (to be supported) GV-MD8710-FD GV-TDR2705 GV-TDR4803 GV-TDR4700 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-GFER6900 GV-PFER12800	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
Wide Dynamic Range (WDR)	N/A	N/A	N/A	GV-FER12700 GV-GFER12800 GV-QFER12700 GV-RFER12700	N/A	GV-GBLP8900 GV-GEBP8900
Defog	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF4911 GV-GEBN4800	GV-EFD4700 GV-GDR4900 GV-GDRN4800 GV-MD8710-FD GV-TDR2702 GV-TDR2705 GV-TDR4702 GV-TDR4803 GV-TDR4700 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-QFER12700	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
3D Noise Reduction	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-MD8710-FD GV-TDR2702 GV-TDR2705 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
2D Noise Reduction	N/A	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800	GV-TDR2702 GV-TDR2705 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-PFER12800 GV-QFER12700	N/A	GV-EBDP5800 GV-EBDP8800 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
360° and 180° Panorama View	N/A	N/A	N/A	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	N/A	GV-EBDP5800 (180°) GV-EBDP8800 (180°) GV-GBLP8900 (180°) GV-GEBP8900 (180°) GV-PBL8800 (180°) GV-PDR8800 (180°) GV-TBLP5800 (180°) GV-TBLP8800 (180°)
Rotate 90°/270° (Corridor Format)	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-MD8710-FD GV-TDR2705 GV-TDR4700 GV-TDR4803 GV-TDR8805 GV-TFD4800	N/A	GV-GPH2800	GV-PBL8800 GV-PDR8800 GV-TMS8800 GV-TMS20811
HW (On-Edge) Dewarping	N/A	N/A	N/A	GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700	N/A	N/A
Lens						
Varifocal Lens	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	N/A	N/A	N/A	N/A	N/A

Features \ Models	Box Camera	Eyeball Camera	Mini Fixed Dome	Fisheye Camera	Pinhole Camera	Multi-Sensor / Panoramic
						
Night						
Motorized Varifocal Lens	N/A	GV-EBD4813 GV-EBD8813 GV-GEBF4813 GV-GEBF4911	GV-MD8710-FD	N/A	N/A	GV-TMS20811
Optical Zoom	N/A	GV-EBD4813 (5x) GV-EBD8813 (4.3x) GV-GEBF4813 (4.3x) GV-GEBF4911 (4.3x)	GV-MD8710-FD (2x)	N/A	N/A	GV-TMS20811 (5x)
Wide Horizontal FOV (over 90°)	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802-2F GV-GEBF4802-2F GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-EFD4700-0F GV-GDR2801 GV-GDR4900 GV-GDRF4800-2F GV-GDRN4800 GV-MD8710-FD GV-TDR2702-0F GV-TDR2705 GV-TDR4700 GV-TDR4702-0F GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
Low Lux	N/A	GV-EBD2704 GV-EBD2705	GV-TDR2702 GV-TDR2705	GV-FER12700 GV-QFER12700	N/A	N/A
Super Low Lux	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-MD8710-FD GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-RFER12700	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
Intelligent IR	GV-BX4700	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-MD8710-FD GV-TDR2702 GV-TDR2705 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-RFER12700	N/A	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
Built-in IR LED	N/A	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-REB5800	GV-EFD4700 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-MD8710-FD GV-TDR2702 GV-TDR2705 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	N/A	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
Full Color	N/A	GV-EBFC5800 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800	GV-GDRF4800 GV-GDRN4800	N/A	N/A	GV-GBLP8900 GV-GEBP8900
AI-ISP	N/A	GV-GEBN4800	GV-GDRN4800	N/A	N/A	N/A
Frame Rate						
60 FPS	GV-BX4802	N/A	N/A	N/A	N/A	N/A
Certification						
Ingress Protection (IP66)	N/A	GV-GEBF4911	N/A	GV-FER5702 GV-QFER12700 GV-RFER12700	N/A	N/A
Ingress Protection (IP67)	N/A	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBN4800 GV-REB5800	GV-AVD4702 GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-TDR2702 GV-TDR2705 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805	GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800	N/A	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811

Features \ Models		Box Camera	Eyeball Camera	Mini Fixed Dome	Fisheye Camera	Pinhole Camera	Multi-Sensor / Panoramic
							
Hardware	Vandal Resistant (IK10)	N/A	GV-EBD4813 GV-EBD8813 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-TDR2702 GV-TDR4700 GV-TDR4702 GV-TDR4803 GV-TDR8805	GV-FER5702 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700	N/A	GV-EBDP5800 GV-EBDP8800 GV-PBL8800 GV-PDR8800 GV-TMS8800 GV-TMS20811
	Vandal Resistant (IK10+)	N/A	N/A	N/A	GV-FER12700	N/A	N/A
	Two-Way Audio Capable	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-GEB4900 GV-GEBF4911	GV-GDR4900 GV-MD8710-FD GV-TDR4700 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	GV-GPH2800	GV-GBLP8900 GV-GEBP8900 GV-TMS8800 GV-TMS20811
	Local Storage (Memory Card Slot)*	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD2704 GV-EBD2705 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-MD8710-FD GV-TDR2705 GV-TDR4700 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	GV-FER5702 GV-FER12700 GV-GFER6900 GV-GFER12800 GV-PFER12800 GV-QFER12700 GV-RFER12700	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
	TV-Out	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	N/A	N/A	N/A	N/A	N/A
	Pan, Tilt, Zoom (PTZ)	N/A	N/A	N/A	N/A	N/A	N/A
	3-Axis Mechanism (Pan, Tilt, Rotate for Fixed Dome)	N/A	GV-EBD2704 GV-EBD2705 GV-EBD4700 GV-EBD4701 GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR2801 GV-GDR4900 GV-GDRF4800 GV-GDRN4800 GV-MD8710-FD GV-PDR8800 GV-TDR2705 GV-TDR4700 GV-TDR4803 GV-TDR8805 GV-TFD4700 GV-TFD4800	N/A	N/A	GV-EBDP5800 GV-EBDP8800 GV-GEBP8900 GV-PDR8800 GV-TMS8800 GV-TMS20811
	Pigtail-Free	N/A	N/A	GV-TFD4700 GV-TFD4800	N/A	N/A	GV-PBL8800
	Charcoal Color	N/A	GV-GEBF4802-2F	N/A	N/A	N/A	N/A
AI Function	Face Detection	GV-BX2700-FD GV-BX2802 GV-BX4700 GV-BX4802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800 GV-MD8710-FD GV-TDR4803 GV-TDR8805 GV-TFD4800	N/A	GV-GPH2800	GV-GBLP8900 GV-GEBP8900 GV-TMS8800 GV-TMS20811
	Face Recognition	N/A	N/A	N/A	N/A	N/A	N/A
	Video Metadata	N/A	GV-GEB4900 GV-GEBF4911	GV-GDR4900	N/A	N/A	GV-GBLP8900 GV-GEBP8900
	Line Crossing	GV-BX2802 GV-BX4802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800 GV-TDR4803 GV-TDR8805 GV-TFD4800	GV-GFER6900 GV-GFER12800 GV-PFER12800	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
	Region Entrance / Exiting	GV-BX2802 GV-BX4802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800 GV-TDR4803 GV-TDR8805 GV-TFD4800	GV-GFER6900 GV-GFER12800 GV-PFER12800	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811

Features \ Models	Box Camera	Eyeball Camera	Mini Fixed Dome	Fisheye Camera	Pinhole Camera	Multi-Sensor / Panoramic
						
Region Intrusion	GV-BX2802 GV-BX4802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF2802 GV-GEBF4802 GV-GEBF4813 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800 GV-TDR4803 GV-TDR8805 GV-TFD4800	GV-GFER6900 GV-GFER12800	GV-GPH2800	GV-EBDP5800 GV-EBDP8800 GV-GBLP8900 GV-GEBP8900 GV-TBLP5800 GV-TBLP8800 GV-TMS8800 GV-TMS20811
People Counting	GV-BX2802 GV-BX4802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-GEB4900 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800 GV-TDR4803 GV-TDR8805 GV-TFD4800	GV-GFER6900 GV-GFER12800 GV-PFER12800	GV-GPH2800	GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800 GV-TMS8800 GV-TMS20811
Vehicle Counting	GV-BX2802 GV-BX4802	GV-GEB4900 GV-GEBF4911 GV-GEBN4800 GV-REB5800	GV-GDR4900 GV-GDRN4800	GV-GFER6900 GV-GFER12800	GV-GPH2800	GV-GBLP8900 GV-GEBP8900
Crowd Detection	GV-BX2802	GV-EBD4813 GV-EBD8800 GV-EBD8813 GV-EBFC5800 GV-REB5800	GV-TDR4803 GV-TDR8805 GV-TFD4800	GV-GFER6900 GV-GFER12800	N/A	GV-TMS8800 GV-TMS20811
Person & Vehicle Detection	N/A	GV-REB5800	N/A	GV-PFER12800	N/A	GV-PBL8800 GV-PDR8800
Loitering	N/A	GV-GEB4900	GV-GDR4900	GV-PFER12800	N/A	GV-GBLP8900 GV-GEBP8900 GV-PBL8800 GV-PDR8800
Illegal Parking Detection	N/A	GV-GEB4900	GV-GDR4900	N/A	N/A	GV-GBLP8900 GV-GEBP8900
Queue Length Detection	N/A	GV-REB5800	N/A	N/A	N/A	N/A
Heat Map	GV-BX2802 GV-BX4802	GV-GEB4900 GV-GEBF4911 GV-REB5800	GV-GDR4900	GV-GFER6900 GV-GFER12800	GV-GPH2800	GV-GBLP8900 GV-GEBP8900
Auto Tracking	N/A	N/A	N/A	N/A	N/A	N/A
Others **In-Ceiling Installation**	N/A	N/A	GV-MD8710-FD	N/A	N/A	N/A
Compact Size	N/A	N/A	GV-EFD4700 GV-TDR2702 GV-TDR4702 GV-TDR8805 GV-TFD4800	N/A	N/A	N/A
GV-Center V2 Standard / Pro Supported	GV-BX2700-FD GV-BX4700	GV-GEB4900 GV-GEBF4911	GV-EFD4700 GV-GDR4900 GV-MD8710-FD	GV-FER12700 GV-GFER6900	N/A	GV-GBLP8900 GV-GEBP8900
GV-Center V2 AI Supported	N/A	GV-GEB4900 GV-GEBF4911	GV-GDR4900	GV-GFER6900	N/A	GV-GBLP8900 GV-GEBP8900
GV-Cloud VMS Supported	N/A	GV-GEB4900 GV-GEBF4911	GV-GDR4900	GV-GFER6900	N/A	GV-GBLP8900 GV-GEBP8900

Part II. Comparison of GV-IP Cameras

Features \ Models	Bullet Camera	Vandal Proof Dome	IP Speed Dome	PTZ Camera	Surround Camera	Thermal Camera
						
Video						
Wide Dynamic Range Pro (WDR Pro)	GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 (to be supported) GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-VD2702 GV-VD2712 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
Wide Dynamic Range (WDR)	GV-ABL4701 GV-GBL12811 GV-TBL4700 GV-TBL4703	GV-GVD12810 GV-TVD4700	N/A	GV-GPTZ4810	N/A	N/A
Defog	GV-ABL4701 GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLN4800 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4910 GV-GVD12810 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR	N/A	N/A	GV-TMEB5800
3D Noise Reduction	GV-ABL4701 GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800
2D Noise Reduction	GV-ABL4701 GV-ABL4712 GV-BLFC5800 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR	N/A	N/A
360° and 180° Panorama View	N/A	N/A	N/A	N/A	N/A	N/A

Features \ Models		Bullet Camera	Vandal Proof Dome	IP Speed Dome	PTZ Camera	Surround Camera	Thermal Camera
							
Lens	Rotate 90°/270° (Corridor Format)	GV-ABL4701 GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4705 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	N/A	N/A	N/A
	HW (On-Edge) Dewarping	N/A	N/A	N/A	N/A	N/A	N/A
	Varifocal Lens	GV-TBL4700	GV-AVD2700 GV-TVD4700 GV-VD2702	N/A	N/A	N/A	N/A
	Motorized Varifocal Lens	GV-ABL4712 GV-GBL4911 GV-GBL12811 GV-GBLF4813 GV-RBL5811 GV-TBL2718 GV-TBL4711 GV-TBL4810 GV-TBL8810	GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	N/A
	Optical Zoom	GV-ABL4712 (4.3x) GV-GBL12811 (4.3x) GV-GBLF4813 (4.3x) GV-RBL5811 (4.3x) GV-TBL2718 (4.3x) GV-TBL4711 (4.3x) GV-TBL8810 (4.3x) GV-TBL4810 (5x)	GV-GVD4810 (4.3x) GV-GVD4910 (4.3x) GV-GVD12810 (4.3x) GV-TVD2712 (4.3x) GV-TVD4710 (4.3x) GV-TVD8810 (4.3x) GV-TVD4810 (5x) GV-TVD4811 (5x) GV-VD2712 (4.3x)	GV-SD2722-IR (22x) GV-SD4825-IR (25x) GV-SD4834-IR (33x) GV-QSD5730-Indoor (33x) GV-QSD5731-IR (33x)	GV-PTZ5810-IR (5x) GV-GPTZ4810 (2.3x)	N/A	N/A
	Wide Horizontal FOV (over 90°)	GV-ABL4712 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802-2F GV-GBLF4802-2F GV-GBLF4813 GV-GBLN4800 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4711 GV-TBL4810 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	N/A	GV-GPTZ4810	N/A	N/A
	Low Lux	GV-TBL2705 GV-TBL2706	GV-AVD2700	GV-QSD5730-Indoor GV-QSD5731-IR	N/A	N/A	N/A
	Super Low Lux	GV-ABL4701 GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-RBL5811 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD2712 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800

Features \ Models		Bullet Camera	Vandal Proof Dome	IP Speed Dome	PTZ Camera	Surround Camera	Thermal Camera
							
Night	Intelligent IR	GV-ABL4701 GV-ABL4712 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800
	Built-in IR LED	GV-ABL4701 GV-ABL4712 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800
	Full Color	GV-BLFC5800 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-TBL8804	N/A	N/A	N/A	N/A	N/A
	AI-ISP	GV-GBLN4800	N/A	N/A	N/A	N/A	N/A
Frame Rate	60 FPS	N/A	N/A	GV-SD2722-IR	N/A	N/A	N/A
Certification	Ingress Protection (IP66)	N/A	N/A	N/A	N/A	N/A	N/A
	Ingress Protection (IP67)	GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4703 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD2700 GV-TVD2712 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD4825-IR	GV-GPTZ4810	N/A	N/A
	Vandal Resistant (IK10)	GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL4700 GV-TBL4711 GV-TBL4810 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD2712 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-GPTZ4810	N/A	N/A

Features \ Models		Bullet Camera	Vandal Proof Dome	IP Speed Dome	PTZ Camera	Surround Camera	Thermal Camera
							
	Vandal Resistant (IK10+)	N/A	N/A	N/A	N/A	N/A	N/A
Hardware	**Two-Way Audio Capable**	GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-RBL5811 GV-TBL4711 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4910 GV-GVD12810 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800
	Local Storage (Memory Card Slot)*	GV-ABL4712 GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL2705 GV-TBL2706 GV-TBL2718 GV-TBL4700 GV-TBL4705 GV-TBL4711 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD2712 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	GV-TMEB5800
	TV-out	N/A	GV-AVD2700 GV-TVD4710 GV-VD2702 GV-VD2712	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	N/A	N/A	N/A
	Pan, Tilt, Zoom (PTZ)	N/A	N/A	GV-SD2722-IR GV-SD4825-IR GV-SD4834-IR GV-QSD5730-Indoor GV-QSD5731-IR	GV-PTZ5810-IR GV-GPTZ4810	N/A	N/A
	3-Axis Mechanism (Pan, Tilt, Rotate for Fixed Dome)	N/A	GV-AVD2700 GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD2712 GV-TVD4700 GV-TVD4710 GV-TVD4810 GV-TVD4811 GV-TVD8810 GV-VD2702 GV-VD2712	N/A	N/A	N/A	GV-TMEB5800
	Pigtail-Free	N/A	GV-TVD4811	N/A	N/A	N/A	N/A
	Charcoal Color	N/A	N/A	N/A	N/A	N/A	N/A
AI Function	**Face Detection**	GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLN4800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
	Face Recognition	GV-RBL5811	N/A	N/A	N/A	N/A	N/A
	Video Metadata	GV-GBL4900 GV-GBL4911 GV-GBL12811	GV-GVD4910 GV-GVD12810	N/A	N/A	N/A	N/A
	Line Crossing	GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800

Features \ Models	Bullet Camera	Vandal Proof Dome	IP Speed Dome	PTZ Camera	Surround Camera	Thermal Camera
						
Region Entrance / Exiting	GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLN4800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
Region Intrusion	GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLF2802 GV-GBLF4802 GV-GBLF4813 GV-GBLN4800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
People Counting	GV-BLFC5800 GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLN4800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	GV-TMEB5800
Vehicle Counting	GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-GBLN4800 GV-RBL5811	GV-GVD4910 GV-GVD12810	N/A	N/A	N/A	GV-TMEB5800
Crowd Detection	GV-BLFC5800 GV-RBL5811 GV-TBL4807 GV-TBL4810 GV-TBL8804 GV-TBL8810	GV-TVD4810 GV-TVD4811 GV-TVD8810	GV-SD4825-IR GV-SD4834-IR	GV-PTZ5810-IR	N/A	N/A
Person & Vehicle Detection	GV-RBL5811	N/A	N/A	N/A	N/A	N/A
Loitering	GV-GBL4900 GV-GBL4911 GV-GBL12811	GV-GVD4910 GV-GVD12810	N/A	N/A	N/A	N/A
Illegal Parking Detection	GV-GBL4900 GV-GBL4911 GV-GBL12811	GV-GVD4910 GV-GVD12810	N/A	N/A	N/A	N/A
Queue Length Detection	GV-RBL5811	N/A	N/A	N/A	N/A	N/A
Heat Map	GV-GBL4900 GV-GBL4911 GV-GBL12811 GV-RBL5811	GV-GVD4910 GV-GVD12810	N/A	N/A	N/A	N/A
Auto Tracking	N/A	N/A	GV-SD4825-IR GV-SD4834-IR	N/A	N/A	N/A
In-Ceiling Installation	N/A	GV-GVD4810 GV-GVD4910 GV-GVD12810 GV-TVD4810 GV-TVD8810 GV-VD2702 GV-VD2712	GV-QSD5730-Indoor	N/A	N/A	N/A
Compact Size	GV-ABL4701	N/A	N/A	N/A	N/A	N/A
GV-Center V2 Standard / Pro Supported	GV-GBL4900 GV-GBL4911	GV-GVD4910 GV-VD2702 GV-VD2712	N/A	N/A	N/A	N/A
GV-Center V2 AI Supported	GV-GBL4900 GV-GBL4911	GV-GVD4910	N/A	N/A	N/A	N/A
GV-Cloud VMS Supported	GV-GBL4900 GV-GBL4911	GV-GVD4910	N/A	N/A	N/A	N/A

Others

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 microSD 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 2 TB.
   - 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.