SAMSUNG ELECTRONICS | gvi

CAMERAS Comparison Chart by Model

Box Type Color Cameras

Models	SCC-130B	SCC-131B	SCC-B2311 (New)
CCD	1/3" IT Super HAD CCD	1/3" IT Super HAD CCD	1/3" Sony Super HAD CCD
Resolution (H)	330 TVL	520 TVL	540 TVL
Min. Illumination	0.15 Lux (F1.2)	0.3 Lux (F1.2)	0.0009 lux
Sync	Int / Line Lock	Int / Line Lock	Int / Line Lock
Voltage	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V
			Electronic Day/Night

* Lenses sold seperately

Box Type Cut Filter True Day/Night Cameras

Models	SCC-B2300	SCC-B2315 (New) * WDR
CCD	1/3" Super HAD CCD	1/3" Super HAD Progressive CCD
Resolution (H)	400 TVL (Color) / 420 TVL (B&W)	540 TVL (Color) / 570 TVL (B&W)
Min. Illumination	0.2 Color / 0.03 B&W Lux	0.0005 Color / 0.00005 B&W Lux
Sync	Int / Line Lock	Int / Line Lock
Voltage	12VDC / AC24V	12VDC / AC24V
	True Day/Night	True Day/Night

Box Type Cut Filter True Day/Night Cameras

Models	SCC-B2391	SCC-B2303	SCC-B2305 * WDR
CCD	1/3" Super HAD CCD	1/3" Super HAD	1/3" Super HAD Progressive CCD
Resolution (H)	540 TVL (Color) / 570 TVL (B&W)	500 TVL (Color) / 530 TVL (B&W)	500 TVL (Color) / 530 TVL(B&W)
Min. Illumination	0.3 Color / 0.06 B&W Lux	0.002 Color / 0.0004 B&W Lux	0.3 Color / 0.06 B&W Lux (F1.2)
Sync	Int / Line Lock	Int / Line Lock	Int / Line Lock
Voltage	1True Day/Nig2VDC / AC24V	12VDC / AC24V	12VDC / AC24V
	True Day/Night	True Day/Night	True Day/Night

* Lenses sold seperately

Bullet IR Type Camera

Spec	GV-CLRIR
CCD	1/4" SHARP CCD
Picture Elements	CCD
Resolution (H)	380 TVL
Min. Illumination	0 Lux, 1 lux IR OFF
Lens	3.6 mm
Sync	Internal
Voltage	12VDC
	IP65

Bullet and IR Type Cameras

Models	GV-BCC723	GV-BVF480	GV-BVF540IR	GV-VD550IR
CCD	1/3" Sony CCD	1/3" IT Super HAD CCD	1/3" IT Super HAD CCD	1/3" IT Super HAD CCD
Resolution (H)	350 TVL	480 TVL	540 TVL (Color) , 580 TVL (B/W)	550 TVL (Color) ,VL (B/W)
Min. Illumination	0 Lux 20 meter 0.5 IR OFF	0.3 Lux	0 Lux, 0.5 Lux IR OFF	0 lux, 0.5 IR OFF
Lens	4.0 mm	3.8~9.5mm Vari-Focal, Fixed Iris F1.3	3.8~9.5mm Vari-Focal, DC Auto Iris F1.2 D/N	3.8~9.5mm Vari-Focal, DC Auto Iris F1.2 D/N
Sync	Internal	Internal	Internal	Internal
Voltage	12VDC	12VDC	12VDC / AC24V	12VDC / AC24V
	IP67	IP66	True Day/Night IP66	True Day/Night IP66

Motorized Zoom Lens Cameras

Models	SCC-C4301	SCC-C4307 * WDR	SCC-931T	SCC-C9302(F) * WDR
CCD	1/4" IT Super HAD CCD	1/4" Ex-View HAD CCD	1/4" IT Super HAD CCD	1/4" IT Super HAD CCD
Resolution(H)	480 TVL	480 TVL	480 TVL	480 TVL
Min. Illumination	0.02 Lux	0.02 Color / 0.07 B&W Lux	1 Lux	0.2 Color / 0.02 B&W Lux
Lens	3.6-79.2mm, 22x Zoom	3.55-113mm, 32x Zoom	3.6-43.2mm, 12x Zoom	3.6-43.2mm, 12x Zoom
Sync	Internal / Line Lock	Internal / Line Lock	Internal / Line Lock	Internal / Line Lock
Voltage	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V
	Low Light	Day/Night	IP66	Day/Night IP66

GV-VB-59SP

2 Wire Video Transceiver Over CAT5

Transmits video up to 2000 feet*, surge protected, no power or tools required, installs in seconds, compact dimensions, UL listed, limited lifetime warranty

* See installation guide for more information - Distance may vary depending on cable quality.

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CAMERAS Comparison Chart by Model

Varifocal Dome Camera

Models	GV-VD7305	SCC-B5352 *New*	SCC-B5353 *New*	SCC-B5393 *New*	SCC-B5395 *New*
CCD	1/3" IT Super HAD CCD	1/3" Sony Super HAD IT CCD	1/3" Sony Super HAD IT CCD	1/3" Sony Super HAD IT CCD	1/3" Sony Super HAD IT CCD
Resolution(H)	550 Color/580 B&W TVL	540TVL	540TVL	540 TVL	540TVL
Min. Illumination	0.5 Color/0.03 B&W Lux	0.0009 Color/0.00009 B&W Lux	0.0009 Color/0.00009 B&W Lux	0.0009 Color/0.00009 B&W Lux	0.0009 Color/0.00009 B&W Lux
Lens	2.9 ~ 10 mm DC Auto Iris	2.5 ~ 6mm Auto Iris	2.5 ~ 6mm Auto Iris	2.5 ~ 6mm Auto Iris	2.9 ~ 10mm Auto Iris
Sync	Internal	INT / Line-Lock	INT / Line-Lock	INT / Line-Lock	INT / Line-Lock
Voltage	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V
	True Day/Night	Electronic Day/Night	True Day/Night	True Day/Night IP66	True Day/Night IP66

Varifocal Anti Vandal Dome Camera

Models	GV-VD550IR	SCC-B5393 *New*	SCC-B5395 *New*
CCD	1/3" IT Super HAD CCD	1/3" Sony Super HAD IT CCD	1/3" Sony Super HAD IT CCD
Resolution (H)	550TVL (Color) , 580TVL (B/W)	540 TVL	540TVL
Min. Illumination	0 lux, 0.5 IR OFF	0.0009 Color / 0.00009 B&W Lux	0.0009 Color / 0.00009 B&W Lux
Lens	3.8~9.5mm Vari-Focal, DC Auto Iris F1.2 D/N	2.5 ~ 6mm Auto Iris	2.9 ~ 10mm Auto Iris
Sync.	Internal	INT / Line-Lock	INT / Line-Lock
Voltage	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V
	True Day/Night IP66	True Day/Night IP66	True Day/Night IP66

Fixed Dome Camera

Models	GV-MDC	SCC-B5300	SCC-B5301	SCC-B5313 *New*	SCC-B5203(S)
CCD	1/4" SHARP CCD	1/3" IT Super HAD CCD	1/3" Super HAD CCD	1/3" Super HAD IT CCD	1/3" Super HAD CCD
Resolution (H)	380 TVL	330 TVL	480 TVL	540 TVL	520 TVL
Min. Illumination	1 Lux	0.3 Lux	0.5 Lux	0.002 Lux	0.3 Lux
Lens	3.6 mm	3.8 mm	3.8 mm	3 mm	3 mm
Sync.	Internal	Line Lock	Line Lock	Line Lock	Internal
Voltage	12VDC	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V	12VDC / AC24V
				Electronic Day/Night	

SmartDome Camera

Models	SCC-641	SCC-C6403	SCC-C6407 * WDR	SCC-C6475 * IP, WDR
CCD	1/4" IT Super HAD CCD	1/4" IT Super HAD CCD	1/4" Ex-View HAD CCD	1/4" Ex-View HAD CCD
Resolution (H)	480 TVL	480 TVL	480 TVL	480 TVL
Min. Illumination	0.3 Lux	0.3 Color / 0.03 B&W Lux	0.2 Color / 0.07 B&W Lux	0.2 Color / 0.07 B&W x
Lens	3.9-79.2mm 22x Zoom	3.55-113mm 32x Zoom	3.55-113mm 32x Zoom	3.9-79.2mm 22x Zoom
Sync	Internal / Line Lock	Internal / Line Lock	Internal / Line Lock	Internal / Line Lock
Voltage	AC 24V	AC 24V	AC 24V	AC 24V
Panning	360°	350°	360°	360°
Network	N/A	N/A	N/A	10/100 Base T
	Low Light	Day/Night	Day/Night	Day/Night

GV-VB-59SP
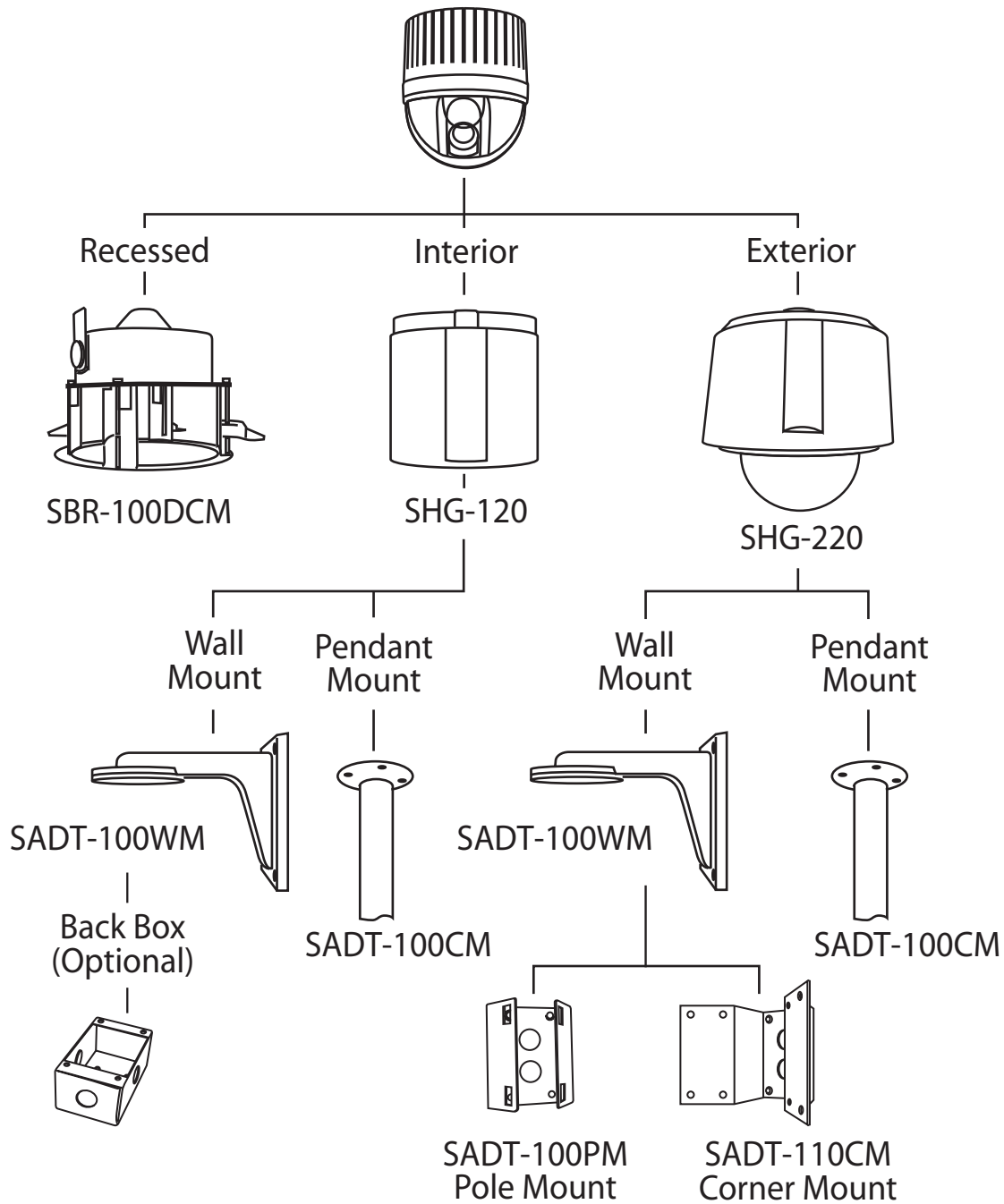
2 Wire Video Transceiver Over CAT5

Transmits video up to 2000 feet*, surge protected, no power or tools required, installs in seconds, compact dimensions, UL listed, limited lifetime warranty

* See installation guide for more information - Distance may vary depending on cable quality.

CAMERAS SmartDome Camera Accessory Chart

SCC-641 / SCC-C6403 / SCC-C6407 / SCC-C6475

Recessed | Interior | Exterior

SBR-100DCM | **SHG-120** | **SHG-220**

Wall Mount | Pendant Mount | Wall Mount | Pendant Mount

SADT-100WM | | **SADT-100WM** |

Back Box (Optional) | **SADT-100CM** | | **SADT-100CM**

SADT-100PM Pole Mount | **SADT-110CM** Corner Mount

CAMERAS SmartDome & Dome Camera Accessories

SHG-120 (Indoor Housing)   Dimension (unit : in)

Summary
SHG-120 is applied to the installation of Smartdome camera on the wall and ceiling.

Features
• Aluminum Body

1 1/2" NPT PIPE THREAD
6.8
6.85
7.28
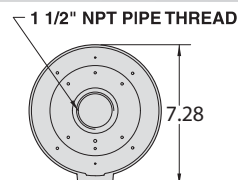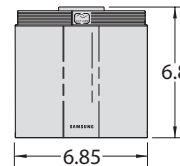
SHG-220 (Outdoor Housing)   Dimension (unit : in)
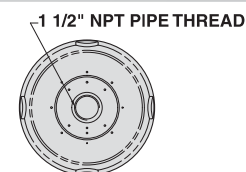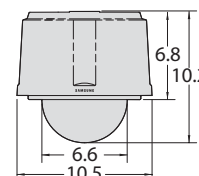
Summary
SHG-220 is applied to the installation of Smartdome camera outside the wall and ceiling. It was designed to tolerate harsh environment and earned IP66 standards certification.

Features
• Built-in Fan & Heater
• Aluminum Body
• Clear Dome
  : high impact polycarbonate
• IP66 Certification

1 1/2" NPT PIPE THREAD
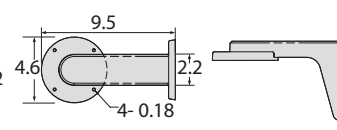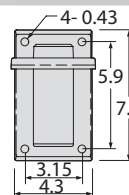6.8
10.2
6.6
10.5

SADT-100WM/101WM (Wall Mount Adaptor)   Dimension (unit : in)

Summary
SADT-100WM is applied when SHG-120 (Indoor housing) of SHG-220 (Outdoor housing) is installed on the outside/inside the wall.
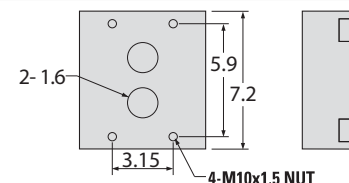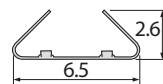
4- 0.43
5.9
7.2
3.15
4.3
9.5
4.6
2.2
4- 0.18

SADT-100PM (Pole Mount Adaptor)   Dimension (unit : in)

Features
• Indoor or Outdoor Applications
• Supports up to 88 Pounds (40Kg)
• Metal body

2.6
6.5
2- 1.6
5.9
7.2
3.15
4-M10x1.5 NUT

SADT-110CM (Corner Mount Adaptor)   Dimension (unit : in)

Features
• Indoor or Outdoor Applications
• Supports up to 97 Pounds (44Kg)
• Metal body

A
3.97
3.9
4.5
2- 1.6
5.9
7.2
3.15
4-M10x1.5 NUT
8- 0.43
5.9
2.4
VIEW A
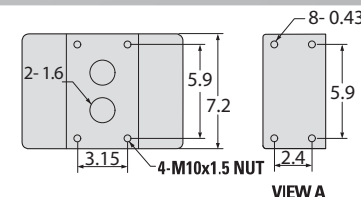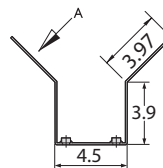
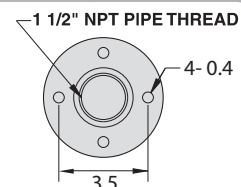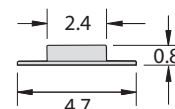## SADT-100CM (Ceiling Mount Adaptor)   Dimension (unit : in)

Features
• Metal body
• Indoor or Outdoor Applications
• Supports up to 70 Pounds (32Kg)
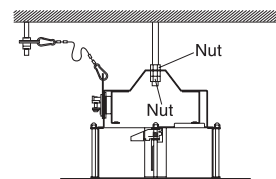• Rugged Construction

1 1/2" NPT PIPE THREAD
2.4
0.8
4.7
4- 0.4
3.5

SBR-100DCM (Ceiling Mount Bracket)   Dimension (unit : in)

Features
• Supports up to 35 Pounds (16Kg)
• Rugged Construction
• Metal body

Nut
Nut

DVRs Comparison Chart by Model

Stand Alone DVRs

Models	SHR-2040	SHR-2042	SHR-2080	SHR-2082	SHR-2160
HDD Basic	250GB	250GB	250GB	250GB	250GB
Max. Expansion	500GB x 2	500GB x 3	500GB x 4	500GB x 3	500GB x 4
Display Speed (ips)	120ips	120ips	240ips	240ips	480ips
Recording Speed	120ips	120ips	120ips	120ips	120ips
Remote Control	RS-485 (PTZ)	RS-485 (PTZ)	RS-485 (PTZ) / IR	R-485 (PTZ) / IR	RS-485 (PTZ) / IR
Data Back Up	USB / External CD-RW	USB/Built-in CD-RW	USB/ External CD-RW	USB/Built-in CD-RW	USB/ External CD-RW
Multiplex Function	Triplex	Triplex	Triplex	Triplex	Triplex
Power Requirements	AC100~240V, 50/60Hz	AC100~240V, 50/60Hz	AC100~240V, 50 / 60H	AC100~240V, 50 / 60Hz	AC100~240V,50 / 60Hz
Weight lb	7.3	16.1	14.3	16.1	14.3
Dimensions (WxHxD)	84.5 x 3.5 x 13.3	16.9 x 3.5 x 15.7	16.9 x 3.5 x 15.7	16.9 x 3.5 x 15.7	16.9 x 3.5 x 15.7

Stand Alone DVRs

Models	SHR-2162	SHR-4081	SHR-4160	SHR-5082 (New)	SHR-5162 (New)
HDD Basic	250GB	250GB	250GB	250GB	250GB
Max. Expansion	500GB x 3	500GB x 4	500GB x 4	500GB x 3	500GB x 3
Display Speed (ips)	480ips	240ips	480ips	240ips	480ips
Recording Speed	120ips	240ips	360ips	120ips	120ips
Remote Control	RS-485 (PTZ) / IR	RS-485 (PTZ)	RS-485 (PTZ)	R-485 (PTZ)	RS-485 (PTZ)
Data Back Up	USB/Built-in CD-RW	Ultra SCSI / IEEE-1394	Ultra SCSI / IEEE-1394	USB/Built-in DVD-RW	USB/ Built-in DVD-RW
Multiplex Function	Triplex	Triplex	Triplex	Triplex	Triplex
Power Requirements	AC100~240V,50 / 60Hz	AC100~240V,50 / 60Hz	AC100~240V,50 / 60Hz	AC100~230V, 50 / 60Hz	AC100~240V,50 / 60Hz
Weight lb	16.1	14.3	14.3	16.1	16.1
Dimensions (WxHxD)	16.9 x 3.5 x 15.7	16.9 x 3.5x15.7	16.9 x 3.5 x 15.7	16.9 x 3.5 x 15.7	16.9 x 3.5 x 15.7

Removable Hard Drive DVRs

Models	GV-DVR1042	GV-EM412DD *Power Supply Included	GV-EM412M *Metal Mobile Case Included
Max. Expansion	500GB	500GB	500GB
Display Speed (IPS)	120ips	120ips	120ips
Recording Speed	120ips	120ips	120ips
Remote Control	RS-485 (PTZ) / IR	N/A	Yes, Wired
Data Backup	USB/CD-RW, Network	Compact Flash, Network and Removable HDD	Compact Flash, Network and Removable HDD
Multiplex Functions	Triplex	Simplex	Simplex
Power Requirements	12VDC	12VDC	12VDC
Weight lb	7 kg	7.3	7.7
Dimensions (WxDxH)	14.2 x 2.6 x 14.2	6.3 x 9.8 x 3.5	6.3 x 9.8 x 3.5

Additional Hard Drives

GV-160GBHD - Additional 160 GB fixed hard drive for DVR's, ask for compatibility
GV-250GBHD - Additional 250 GB fixed hard drive for DVR's, ask for compatibility
GV-500GBHD - Additional 500 GB fixed hard drive for DVR's, ask for compatibility
GV-750GBHD - Additional 750 GB fixed hard drive for DVR's, ask for compatibility

GV-VB-59SP

2 Wire Video Transceiver Over CAT5

Transmits video up to 2000 feet*, surge protected, no power or tools required, installs in seconds, compact dimensions, UL listed, limited lifetime warranty

* See installation guide for more information - Distance may vary depending on cable quality.

MONITORS Comparison Chart by Model

TFT-LCD

Models	SMT-1721	SMT-1921	GV-LCD3 *Test/Install Tool	SMT-3211	SMT-4011
Picture Panel	17" TFT LCD	19" TFT LCD	3" LCD	32" LCD	40" LCD
Pixel/ Pitch	0.264mm	0.294mm	N/A	N/A	N/A
Resolution	1280 x 1024	1280 x 1024	648 (H) x 146 (V)	1366 x 768	1366 x 768
Contrast	1000:1	1000:1	N/A	1200:1	1200:1
Brightness	300cd/m2	300cd/m2	N/A	410cd/m2	450cd/m2
Video Input	VGA, Composite S-Video	VGA, Composite S-Video	Composite	D-Sub, RS232C cable, DVI-D, USB 2.0, S-Video, CVBS Video, BNC	D-Sub, RS232C cable, DVI-D, USB 2.0, S-Video, CVBS Video, BNC
Audio Output	2W stereo- RCA	2W Stereo- RCA	No	2W Stereo- RCA	2W Stereo- RCA
S-Video	Yes	Yes	No	Yes	Yes
Voltage	AC100- 240V	AC100- 240V	DC 4.8V	160watts@120VAC	230watts@120VAC
Power Consumption	42W	42W	470mA	<1W	<1W
Weight	13.12 lbs	15.1lbs	1.2 lbs	35.4 lbs	50.7 lbs
Case	Plastic/ Tempered Glass	Plastic/ Tempered Glass	Aluminum	Plasic	Plasic
Dimensions (WxHxD)	14.6" x 8.7" x 14.5"	16.2" x 8.7" x 15.7"	5.25" x 4" x 1.75"	30.7" x 20.8" x 8.8"	38.2" x 24.7" x 8.8"

CRT

Models	SMC-150F	SMC-152F	SMC-213
Picture tube	15"CRT	15"CRT	21" Ultra Slim CRT
Stripe Pitch	0.60mm (stripe)	0.60mm (str)	N/A
Resolution	400lines	400lines	450lines
Horizontal F Stability	15.75KHz ± 500Hz	15.75KHz ± 500Hz	500Hz ± 500Hz
Vertical F Stability	60Hz ± 4Hz	60Hz ± 4Hz	4Hz ± 4Hz
Video Input	2 BNC	4 BNC	2-Channel, Composite
Audio Output	1.5W - 2 RCA	1.5W - 2 RCA	1.5W - RCA
S-Video	No	No	No
Voltage	AC90~260V 50/60Hz	AC90~260V 50/60Hz	AC100~120V 60Hz
Power Consumption	50W	50W	90W
Weight	28.6lb	28.6lb	50.3lbs
Case	Metal	Metal	Metal
Dimensions (WxHxD)	14.4" x 13.4" x 15.4"	14.4" x 13.4" x 15.4"	19.3" x 18.4" x 12.8"

ACCESSORIES

LENSES

Models	GV-2.8-12ADC	GV-3.5-8ADC	GV-5-100ADC
Focal Length (mm)	2.8-12mm	3.5-8mm	5-100mm
Iris Range	1.4-360	1.4-360	1.8-360
Mount	CS	CS	CS
Image Format(inch)	1/3"	1/3"	1/2", 1/3"
Horizontal Field of View:	Wide: 95.6 degrees Tele: 22.1 Degrees	Wide: 73.8 degrees Tele: 35 Degrees	Wide: 50.1 degrees Tele: 2.8 Degrees
Dimension (mm)	40x45x72	36x47.1x48.1	44x88x50
Weight (g)	173	76.6	258
Iris	Direct Drive	Direct Drive	Direct Drive
Focus	Manual	Manual	Manual
Zoom	Manual	Manual	Manual

HOUSING

Models	GV-HOU3512
Construction	Extruded Aluminum
Window	Glass
Enviornmental	IP66
Options	Heater/Blower
Mounting	Bracket Included
Max Camera Length	9.45in

*GV-HOU3512HB — Outdoor with heater and blower