GV-VD7305

1/3″ High Resolution, Day/Night, Varifocal Color Dome Camera

The GV-VD7305 varifocal color dome camera offers crisp clear images and is designed for interior surveillance. With a 1/3″ interline color IT Super HAD CCD and DSP (Digital Signal Processing) function, the integrator can count on consistent true and clear images.

The GV-VD7305 has a Day & Night function with an IR Cut Filter that comes standard with 550 TV lines (color) of horizontal resolution. When selecting a high quality day/night, color indoor dome with a varifocal 2.9~10mm auto iris lens, choose the GV-VD7305.

GV-VD7305
1/3″ High Resolution, Day/Night, Varifocal Color Dome Camera

Features

- High Resolution Day/Night Vari-Focal Color Dome Camera
- 1/3″ IT Super HAD CCD
- 550 TVL Color / 580 TVL B&W
- Minimum Scene Illumination:
  0.5 Lux Color / 0.03 Lux BW
- Filter Switching Time: 2-3 Sec/ 4-5 Sec, Selectable
- Lens: f = 2.9 ~ 10mm DC Auto Iris
- BLC/AGC
- Flickerless
- White Balance – ATW/AWC
- CDS Sensor
- 12VDC/AC24V (60Hz)

Accessories

RECOMMENDED POWER SUPPLIES
GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
GV-M1234, 12VDC, 3 amp, 4 fused outputs

Rear Panel

GV-VD7305

Dimensions (unit : mm)

120

95

GV-VD7305

Specifications

Camera Type	Color/BW	High Resolution Vari-Focal Dome Camera
Image	Device	IT Super HAD CCD
	Size	1/3″
	Pixels – Effective	768 (H) x 494 (V)
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.5 Lux
	BW	0.03 Lux
	Shutter speed	1/60 sec
Functions	BLC	ON/OFF
	AGC	Auto
	FL	ON/OFF
	Sync	Internal
	White Balance	ATW/AWC
	Day/Night	Delay selectable - 2-3 sec/ 4-5 sec
	CDS	Light Sensor
Lens	Size	2.9 - 10mm DC Auto Iris, F1.2 D/N Lens
Resolution	Horizontal	550 (Color) TV Lines / 580 (BW) TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	48dB
OSD	OSD	NO
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
	Humidity	Less than 90%
Power	Power Requirement	12VDC/AC24V (60Hz)
	Power Consumption	2.5W (240mA)
Physical Specification	Dimensions (øxH)	4.8″ x 3.74″ / (120 x 95mm)
	Weight	0.5lbs/227g
Certifications	EMC, FCC	

SCC-931T

1/4″ Anti-Vandal, Color, Motorized Zoom, Dome Camera

SCC-931T is an anti-vandal color dome camera that ensures outstanding observation with excellent color sensitivity and high resolution. The combination of superior imaging and anti-vandal housing assembly make the SCC-931T a perfect solution to areas that require additional protection. Remote control and programming is accomplished via RS-485 communication (half duplex), which allows all cameras in the high impact series to be remotely controlled.

The SCC-931T can be used stand-alone or can be added to existing Samsung Electronics dome systems where complete remote control of camera functions are desired. The SCC-931T is water resistant, dustproof and shockproof, combining 12X optical zoom with a 10X digital zoom to yield 120X total zoom capability. The SCC-931T is an excellent vandal resistant motorized zoom dome, with 480TV lines of resolution a signal to noise ratio of more than 50 dB and minimum scene illumination of 1 lux.

The SCC-931T is the primary choice for system integration and critical surveillance projects. With full control capability the Samsung Electronics High Impact Series cameras are the professional's choice for systems integration.

SCC-931T
1/4″ Anti-Vandal, Color, Motorized Zoom, Dome Camera

Features

- Anti-Vandal Color Dome Camera
- 1/4″ IT Super HAD CCD
- 480 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination 1Lux
- 12X Motorized Optical Zoom with 10X Digital Zoom
- BLC with Area Setting, AGC
- ELC
- Automatic White Balance
- On Screen Display (OSD)
- Line-Lock Synchronization
- Motion Detection
- IP66 Rated
- RS485 Remote Control
- 12VDC/AC24V (60Hz)
- Built-In Ground Fault Isolation Transformer

Accessories

RECOMMENDED POWER SUPPLIES
- GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
- GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
- GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
- GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
- GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
- GV-M1234, 12VDC, 3 amp, 4 fused outputs

RECOMMENDED MOUNTS
- SADT-101WM, Wall mount for SCC-931T, indoor/outdoor

CONTROLLER
- SSC-1000, IC Series Camera Controller
- SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR Control

Rear Panel

SCC-931T

Dimensions (unit : mm)

132

96.5

94

SCC-931T

Specifications

Camera Type	Color	Anti-Vandal Digital Dome Camera
Image	Device	IT Super HAD CCD
	Size	1/4″
	Pixels – Total	811(H) x 508 (V)
	Pixels – Effective	768 (H) x 494 (V)
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	1 Lux (30IRE)
Electronic Shutter Speed	ELC	1/10,000 sec (max.)
Functions	BLC	ON/OFF (Area Setting)
	AGC	ON/OFF
	AWB	ATW/AWC/MANUAL
	Sync	Internal/Line lock
	Sense	Off / Auto x2~x28 / FIX x2~x128
	Motion	Menu
	Presets	10
	Digital Zoom	10X
Lens	Focal Length	3.6 ~ 43.2mm (12x Optical)
	Aperture	F1.8(Wide), F2.6(Tele)
	Viewing Angle	Wide: 52˚ .8′(H) x 40˚ .3′(V)
		Tele: 4˚ .7′(H) x 3˚ .6′(V)
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	52dB
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
	Humidity	Less than 90%
Power	Power Requirement	12VDC/AC24V (60Hz)
	Power Consumption	6W
Physical Specification	Dimensions (øxH)	5.2″ x 3.75″ (132 x 95.3mm)
	Weight	2.2lbs/1kg
Certifications	UL, FCC	

SCC-C9302(F)

1/4" Anti-Vandal, Day/Night, Motorized Zoom, Wide Dynamic Range Dome Camera

The SCC-C9302(F) is an anti-vandal high resolution color dome camera. The enclosed housing is constructed of die-cast aluminum with an anti-vandal polycarbonate dome, built to withstand high impact. The housing is dustproof, shockproof, water resistant and is also available in flush mount which meets IP66 standards. The 12X motorized zoom lens enables a maximum of 120X total zoom when combined with the 10X digital zoom. The SCC-C9302(F) offers various viewing options such as Auto / One Push / Manual Focus / Lens Block settings.

The SCC-C9302(F) comes with a Wide Dynamic Range function which delivers excellent images under extreme back light conditions. It also includes a Day/ Night and low light function that can produce clear images 24 hours a day. Its Privacy Zone function helps protect up to 8 private areas and with the Auto White Balance function the camera accurately reproduces colors under demanding conditions.

Other functions include: Line-Lock, Home Position (using alarm input), Motion Detection and Camera ID Indication that displays up to 20 digits. For convenience, the camera can be remotely controlled through its RS-485 communication link.

SCC-C9302(F)

1/4" High Impact, Day/Night, Motorized Zoom, Wide Dynamic Range Dome Camera

Features

- High impact WDR Day/Night Dome Camera
- 1/4″ IT Super HAD CCD
- 480 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination: Color 0.2 Lux / BW 0.02 Lux
- 12X Motorized Optical Zoom with 10X Digital Zoom
- BLC with Area Settings
- ELC / AGC
- Automatic White Balance, 4 Methods
- On Screen Display (OSD)
- Line-Lock Synchronization
- Motion Detection (Area & Sensitivity)
- 8 Privacy Zones
- RS485 Remote Control
- IP66 Rated
- 12VDC/AC24V (60Hz)
- Built-In Ground Fault Isolation Transformer

Accessories

RECOMMENDED POWER SUPPLIES
- GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
- GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
- GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
- GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
- GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
- GV-M1234, 12VDC, 3amp, 4 fused outputs

RECOMMENDED MOUNTS
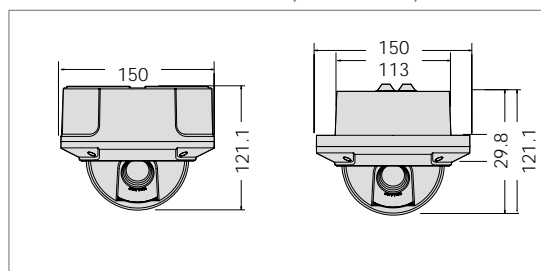- SADT-102WM, Wall mount for SCC-C9302(F), indoor/outdoor

CONTROLLER
- SSC-1000, IC Series Camera Controller
- SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR Control

Units

SCC-C9302   SCC-C9302F

Dimensions (unit : mm)

150   150   113   121.1   29.8   121.1

Specifications

Camera Type	Color/BW	Anti-Vandal Day/Night Digital Camera
	Mount	Surface (SCC-C9302)
		Flush (SCC-C9302F)
Image	Device	IT Super HAD CCD
	Size	1/4″
	Pixels – Total	811(H) x 508 (V)
	Pixels – Effective	768 (H) x 494 (V)
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.2 Lux (Sens up x4)
	BW	0.02 Lux (Sens up x4)
Electronic Shutter Speed	ELC	1/10,000 sec (max.)
Functions	BLC	ON/OFF (Area Setting)
	AGC	OFF / LOW / HIGH
	AWB	ATW-1/ATW-2/AWC/Manual
	Sync	Internal/Line lock
	Sense	OFF / AUTO 2X~160X
	Motion	ON/OFF (Area & Sensitivity)
	Presets	32
	Digital Zoom	x10
	WDR	ON/OFF, Two Levels Settings
	Privacy Zones	8
	Alarm	1 Input/1 Output
Lens	Focal Length	3.6 ~ 43.2mm (12x Optical)
	Aperture	F1.8(Wide), F2.6(Tele)
	Viewing angle	Wide: 52˚.8'(H) x 40˚.3'(V)
		Tele: 4˚.7'(H) x 3˚.6'(V)
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	52dB
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
	Humidity	Less than 90%
Power	Power Requirement	12VDC/AC24V (60Hz)
	Power Consumption	6W
Physical Specification	Dimensions (øxH)	5.905″ x 4.763″ / 150 x 121mm
	Weight	2.425lbs/1.1kg (SCC-C9302)
		1.94lbs/880g (SCC-C9302F)
Certifications	UL, FCC	

GV-CLRIR
1/4″ Color, Weather Resistant, Bullet IR Camera

The GVI Series of bullet cameras are designed for both indoor and outdoor applications where small, discrete video cameras are required. The GV-CLRIR is a weather resistant camera that will eliminate the need for extra cost of an outdoor housing therefore making it the first choice in residential type applications.

Equipped with 12 LED IR illuminators, the GV-CLRIR can be used in diverse applications such as, search, recovery and sporting activities. The camera comes equipped with 3.6mm lens and also includes a 12VDC power supply and sunshield for easy installation.

GV-CLRIR
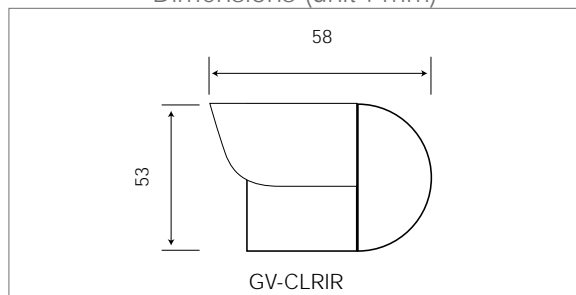## 1/4″ Color, Weather Resistant, Bullet IR Camera

Features
• Bullet IR Color Camera
• 1/4″ SHARP CCD
• 380 TV Lines Resolution
• Minimum Scene Illumination
　1 Lux LED Off
　0 Lux LED On
• Lens 3.6mm
• 12 IR LED
• Weather resistant (IP54)
• Mounting bracket, Sunshield and Power Supply Included
• 12VDC

Unit

GV-CLRIR

Dimensions (unit : mm)

58

53

GV-CLRIR

Specifications

Camera Type	Color	Bullet IR camera
Image	Device	SHARP CCD
	Size	1/4″
	Pixels – Effective	510 (H) x 492 (V)
Scanning	System	525 lines, 2:1 Interlace
Min. Scene Illumination	LED on	0 Lux
	LED off	1 Lux
	Shutter speed	1/5,000 sec (max)
Functions	AGC	Auto
	IR	12
	CDS	Light Sensor
	Sync	Internal
Lens	Size	3.6mm
Resolution	Horizontal	380 (Color) TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB
OSD	OSD	NO
Environmental Conditions	Operating Temperature	-4℉ ~ +131℉ (-20℃ ~ +55℃)
Power	Power Requirement	12VDC
	Power Consumption	1.2w (100mA)
Physical Specification	Dimensions (øxL)	2.1″ x 2.3″ (53 x 58mm)
	Weight	0.68lbs/280g

GV-BCC723

1/3″ Color, Weather Resistant, Bullet IR Camera

The GV-BCC723 is a high performance, weather resistant camera built to operate in demanding conditions. The camera is packed with 20 infrared LEDs that enables it to punch through the darkness to deliver sharp images in critical areas. The camera comes equipped with a 4.0mm lens and a mounting bracket.

The 350 TV Lines of resolution provides a sharp, clear picture while the IP67 rated weather resistance makes this camera an excellent choice for both indoor and outdoor applications.

When the need arises for a camera that is highly durable and reliable, our customers rank this bullet IR camera as the premier solution for their applications.

GV-BCC723
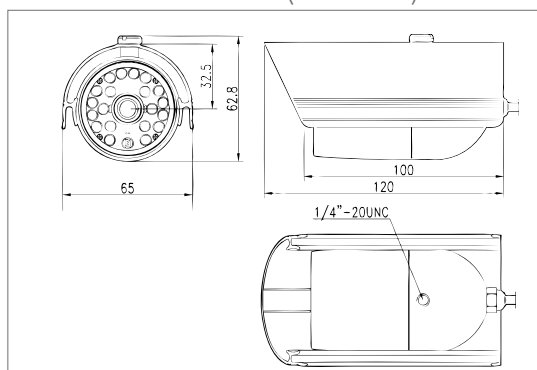## 1/3″ Color, Weather, Resistant Bullet IR Camera

Features
• Bullet IR Color Camera
• 1/3″ 270K Sony CCD
• 350 TV Lines Resolution
• Minimum Scene Illumination
  0.5 Lux LED Off
  0 Lux LED On
• Lens 4.0mm
• AGC
• IP67
• 20 IR LED with CDS Sensor
• Weather Resistant
• Mounting Bracket and Power Supply Included
• 12VDC

Unit

GV-BCC723

Dimensions (unit : mm)

GV-BCC723

Specifications

Camera Type	Color	Bullet IR camera
Image	Device	270K Sony CCD
	Size	1/3″
	Pixels – Effective	510 (H) x 492 (V)
Scanning	System	525 lines, 2:1 Interlace
Min. Scene Illumination	LED On	0 Lux
	LED Off	0.5 Lux
	Shutter Speed	1/100,000sec (max)
Functions	AGC	Auto
	IR	20 (850nm)
	CDS	Sensor
Lens	Size	4mm
Resolution	Horizontal	350 (Color) TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB
OSD	OSD	NO
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
Power	Power Requirement	12VDC
	Power Consumption	4.2W (350mA)
Physical Specification	Dimensions (WxHxD)	2.56″ x 2.47″ x 4.72″ / 65 x 62.8 x 120mm
	Weight	0.77lbs/350g

GV-BVF480

1/3″ Color, Varifocal, Weather Resistant, Bullet Camera

The GV-BVF480 varifocal bullet camera is the perfect choice for applications where a low profile camera is needed. The externally adjusted, variable focal range and focus of the camera make installations more convenient and fast.

The camera comes equipped with a 3.8 ~ 9.5mm varifocal fixed iris lens and a mounting bracket. The camera can be mounted from its back, top or bottom for the installers convenience.

The 480 TV Lines of resolution provides a sharp clear picture while the IP66 rated weather resistance makes this camera an excellent choice for both indoor and outdoor applications.

GV-BVF480
1/3″ Color, Varifocal, Weather Resistant, Bullet Camera

Features
• Bullet Color Camera
• 1/3″ Super HAD Sony CCD
• 480 TV Lines Resolution
• Minimum Scene Illumination 0.3 Lux
• Varifocal Fixed Iris Lens built-in STD: 3.8~9.5mm / F1.3
• Externally Adjustable Focal Length & Focus by Ring
• Back Light Compensation
• Weather Resistant (IP66)
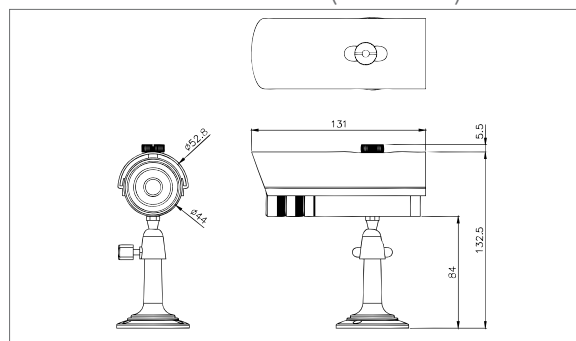• Back, Top and Bottom Side Bracket Mounting Available
• 12VDC

Accessories
RECOMMENDED POWER SUPPLIES
GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
GV-M1234, 12VDC, 3 amp, 4 fused outputs

Unit

GV-BVF480

Dimensions (unit : mm)

GV-BVF480

Specifications

Camera Type	Color	Bullet IR camera
Image	Device	Super HAD Sony CCD
	Size	1/3″
	Pixels – Effective	768 (H) x 494 (V)- 380K pixels
Scanning	Pixels – System	525 lines, 2:1 Interlace
Min. Scene Illumination	Color	0.3 Lux
	Shutter speed	1/60~1/100,000sec (max)
Functions	AGC	Built In
Lens	Size	3.8~9.5mm Varifocal Fixed Iris F1.3
Resolution	Horizontal	480 (Color) TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p (75 Load)
S/N Ratio	S/N Ratio	Greater Than 48dB
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
Power	Power Requirement	12VDC
	Power Consumption	2W (160mA)
Physical Specification	Dimensions (øxL)	1.7″x 4.5″ (44x 116mm)
	Weight	1.5lb / (0.68kg)

GV-BVF540IR

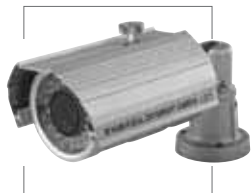## 1/3″ Day/Night, Varifocal, Weather Resistant, Bullet IR Camera

The GV-BVF540IR varifocal bullet camera with infrared illuminators is the perfect choice for installations where night lighting is very low or does not exist at all. The 36 LEDs provide powerful illumination that have a range of up to 75 feet to light up the night and maintain a clear sharp picture.

The camera comes equipped with a 3.8 ~ 9.5mm varifocal DC auto iris lens and a mounting bracket. The camera can be mounted from its back, top or bottom for the installers convenience.

The externally adjustable variable focal length and focus functions of the camera make the installation more fast and convenient. The camera is IP 66 rated for weather resistance that allows it to be used for both indoor and outdoor applications.

GV-BVF540IR

1/3″ Day/Night, Varifocal, Weather Resistant, Bullet IR Camera

Features

- Bullet IR Day/Night Camera
- 1/3″ Super HAD Sony CCD
- 540 TV Lines (Color) and 580TV Lines (B/W) Resolution
- Minimum Scene Illumination
   0 Lux LED On
   0.5 Lux LED Off
- Color & B/W Auto Switchable By Photocell and Sensitivity
- Lens 3.8~9.5mm Varifocal, DC Auto Iris
- Externally Adjustable Focal Length & Focus By Side Screws
- Externally Adjustable DC Iris Level
- 36 IR LED with CDS Photocell Auto Switch
- Weather Resistant (IP66)
- Back Side, Top and Bottom Side Bracket Mounting
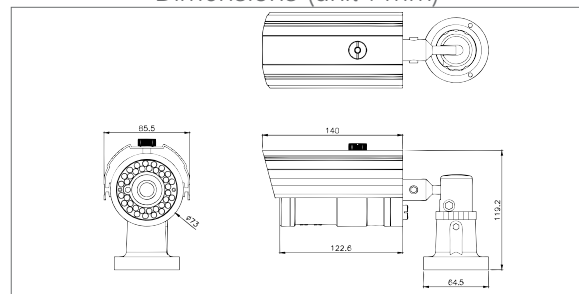- AC24V/DC12V

Accessories

RECOMMENDED POWER SUPPLIES
GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
GV-M1234, 12VDC, 3amp, 4 fused outputs
GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
GV-M24816UL, 24VAC, 8 amp, 16 fused outputs

Unit

GV-BVF540IR

Dimensions (unit : mm)

GV-BVF540IR

Specifications

Camera Type	Color/BW	Bullet IR Camera
Image	Device	Super HAD Sony CCD
	Size	1/3″
	Pixels – Effective	510 (H) x 492 (V)-380K Pixels
Scanning	System	525 lines, 2:1 Interlace
Min. Scene Illumination	LED On	0 Lux
	LED Off	0.5 Lux
	Shutter speed	1/60 sec
Functions	AGC	Built In
	IR	36
	CDS	Photocell Auto Switch
Lens	Size	3.8~9.5mmVarifocal, DC AutoIris F1.2
Resolution	Horizontal	540 (Color) TVL/ 580 (B/W) TVL
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p(75 Ohm Load)
S/N Ratio	S/N Ratio	Greater Than 48dB (AGC off)
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
Power	Power Requirement	12VDC/ AC24V
	Power Consumption	AC24V 2.5VA~ 5.0VA max. / IR LED On
		12VDC 240mA~ 600mA max. / IR LED On
Physical Specification	Dimensions (øxL)	2.87″ x 4.80″ (73 x 122mm)
	Weight	3.2lb/ (1.45kg)

GV-VD550IR

1/3″ Day/Night, Vandal Resistant, Varifocal, IR Dome Camera

The GV-VD550IR varifocal dome with infrared illumination is the perfect choice for installations where lighting at night is very low or does not exist at all. The dome provides sharp and clear pictures or illumination even with no light present.

The camera comes equipped with a 3.8 ~ 9.5mm varifocal aspherical DC auto iris lens and a true 3-axis gimbal bracket. The camera has a resolution of 550TV lines in color mode and is IP-66 rated. The cameras anti-vandal housing is built to withstand high impact and demanding weather conditions.

This vandal and weather resistant dome is designed for tough indoor or outdoor environments where most cameras would not survive.

GV-VD550IR
1/3″ Day/Night, Vandal Resistant, Varifocal, IR Dome Camera

Features
- Vandal Resistant, IR Dome Camera
- 1/3″ Sony Super HAD CCD
- Resolution 550TV-Lines (Color), 580TV-Lines (B/W)
- Minimum Scene Illumination
  0.5 Lux LED Off
  0.0 Lux LED On
- Vari-Focal Aspherical DC Auto Iris 3.8~9.5mm F1.2 Lens Built-in
- BLC/AGC
- Flickerless
- White Balance - AWC
- DIP Switch Control of Color & B/W Changing Time
- 18 IR LED with CDS Photocell Auto Switch
- True 3-Axis Gimbal Bracket (2-Pan, 2-Tilt)
- Vandal Resistant & Weather Resistant Housing (IP66)
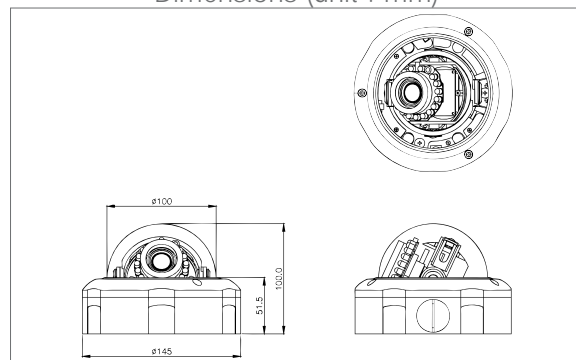- AC24V/DC12V

Accessories
RECOMMENDED POWER SUPPLIES
GV-TRAN-12-500DC, 12VDC, 500 MA, plug in transformer
GV-M1234, 12VDC, 3 amp, 4 fused outputs
GV-TRAN-24-20LED, 24VAC, 20VA, Class II plug in transformer
GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
GV-M24816UL, 24VAC, 8 amp, 16 fused outputs

Rear Panel

Knock out on both the back and the side

Dimensions (unit : mm)

ø100
100.0
51.5
ø145

GV-VD550IR

Specifications

Camera Type	Color/BW	IR Dome Camera
Image	Device	Interline Transfer Type Sony CCD
	Size	1/3″
	Pixels – Effective	768 (H) x 494 (V)- 380K Pixels
Scanning	System	525 lines, 2:1 Interlace
Min. Scene Illumination	LED On	0 Lux
	LED Off	0.5 Lux
	Shutter Speed	1/60 sec
Functions	AGC	Built-in
	IR	18 pcs LEDs
	CDS	Day/Night Switching
Lens	Size	3.8~9.5mm Varifocal, DC AutoIrisF1.2
Resolution	Horizontal	550(Color) TVL / 580(B/W) TVL
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p (75-Load)
S/N Ratio	S/N Ratio	Greater than 48dB (AGC off)
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14°F ~ +122°F)
Power	Power Requirement	12VDC / AC24V
	Power Consumption	Normal: 160mA,
		Max. (IR-LED ON): 320mA (DC12V)
Physical Specification	Dimensions (øxL)	5.71″x 3.94″ (145x 100mm)
	Weight	3.1lbs (1.4kg)

SCC-641

1/4″ Pan-Tilt-Zoom, Color Dome Camera

The SCC-641 is the first in series of remote controllable pan-tilt-zoom cameras from Samsung Electronics. This camera has 480 TV lines of resolution with a minimum scene illumination of 0.02 lux, making it optimal for low light conditions. It has a built-in 22X optical and 10X digital zoom lens giving it an enhanced total zoom capability of 220X with a focal length of 3.9 to 79.2mm. Its superior white balance circuitry and excellent back light compensation produces crisp and clear high resolution images.

One important feature that raises its position over the competition is the capability of programming each preset not only with camera position and focus, but also video settings. This feature enables iris control, shutter speed, negative image and all other video controls to be unique for each preset.

Remote control and programming is accomplished via RS-485 (full or half duplex), which allows all cameras in the Samsung Electronics IC Series to be configured and controlled. Additional features include motion detection, alarming inputs/outputs, auto-flip, guard tour, programmable patterns and up to 128 presets.

SCC-641
1/4″ Pan-Tilt-Zoom, Color Dome Camera

Features

• Pan Tilt Zoom Color Dome Camera
• 1/4″ IT CCD
• 480 TV Lines Resolution
• DSP (Digital Signal Processing)
• Minimum Scene Illumination: 0.3 Lux
• 22X Optical Zoom Plus 10X Digital Zoom
• 360º Panning, 0º ~ 90º Tilting
• High-Speed PAN/TILT
• BLC/AGC
• Motion Detection
• 4 Alarm Inputs, 3 Alarm Outputs
• OSD (On Screen Display)
• AC24V (60Hz)

Accessories

RECOMMENDED POWER SUPPLIES
 GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
 GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
 GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
RECOMMENDED MOUNTS
 SADT-100WM, Wall mount, indoor/outdoor, requires housing
 SADT-100CM, Ceiling mount, indoor/outdoor, requires housing
 SADT-100PM, Pole mount, indoor/outdoor, requires SADT-100WM
 SADT-110CM, Corner mount, indoor/outdoor, requires SADT-100WM
RECOMMENDED HOUSING OPTIONS
 SBR-100DCM, Indoor ceiling mount bracket for recessed application
 SHG-120, Metal indoor housing, requires wall or ceiling mount
 SHG-220, Metal outdoor housing w/ Heater & Blower, requires wall or ceiling mount
CONTROLLER
 SSC-1000, IC Series Camera Controller
 SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR
  Control

Dimensions (unit : mm)

ø151
94.5
177
ø159.5

Rear Panel

SCC-641

Specifications

Camera Type	Color	Pan Tilt Zoom
Image	Device	IT CCD
	Size	1/4″
	Pixels – Total	811 x 508
	Pixels- Effective	768 x 494
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.3 Lux (Sens up x4)
Electronic Shutter Range	ELC	OFF ~ 1/10Ksec
Pan/Tilt	Speed Manual Pan	0.8˚ ~ 90˚/sec (64Step)
	Preset Pan	240˚/sec (max)
	Manual Tilt	0.8˚ ~45˚/sec (64Step)
	Preset Tilt	150˚/sec (max)
	Range	Panning: 360˚
	Tilting	0˚~90˚
	Number of Auto PAN	1
	Number of Preset	128
	Number of Pattern	3
Functions	BLC	ON/OFF
	AGC	ON/OFF
	Line Lock	INT/LINELOCK
	White Balance	ATW/AWC/MANUAL
	Motion Detection	ON/OFF
	Sense up	OFF / AUTO x2~x128 / FIX x2~x128, 1/120~1/10K
	Remote	RS485
	Alarms	Input 4/Output 3
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	52dB
Lens	Focal Length	3.55 ~ 79.2mm
	Zoom ratio	22X
	Aperture Ratio	F1.6 (Wide), F3.8 (Tele)
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10˚C ~ +50˚C (14˚F ~ +122˚F)
	Humidity	Less than 90%
Power	Power Requirement	AC24V (60Hz)±10%
	Power Consumption	18W
	LED Indicator	Yes
Physical Specification	Dimensions	Dome: 5.79″ (147ø)mm
		Outline:6.2834″ (ø) x 6.9685″ (H) / 159.6(ø) x 177(H)mm
	Weight	4.4lbs/2Kg
Certifications	UL, FCC	

SCC-C6403
1/4″ Day/Night, Pan-Tilt-Zoom Dome Camera

The SCC-C6403 SmartDome camera from Samsung Electronics is a perfect solution for your advanced surveillance needs at a competitive cost. The camera contains a 32X built-in optical lens and 10X digital zoom to offer up to 320X zoom capability.

The dome includes 350° panning and is the perfect choice for wall mount and corner mount applications. The camera can detect an object at great distance with high clarity via the auto focus function.

The camera also includes other features such as true Day/Night with removable mechanical cut filter, motion detection, 8 privacy zones and auto white balance.

SCC-C6403
1/4" Day/Night, Pan-Tilt-Zoom Dome Camera

Features
- Day/Night Pan Tilt Zoom Dome Camera
- 1/4" IT Super HAD CCD
- 480 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination:
  - Color: 0.3 Lux (30 IRE)
  - B/W: 0.03 Lux (30 IRE)
- 32X Optical Zoom plus 10X Digital Zoom
- Digital Image Stabilization
- 350° Panning, 0° ~ 90° Tilting
- High-Speed PAN/TILT (400°/sec)
- BLC/AGC
- Motion Detection
- 8 Privacy Zones
- 4 Alarm Inputs, 3 Alarm Outputs
- OSD (On Screen Display)
- AC24V (60Hz)

Accessories
RECOMMENDED POWER SUPPLIES
 GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
 GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
 GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
RECOMMENDED MOUNTS
 SADT-100WM, Wall mount, indoor/outdoor, requires housing
 SADT-100CM, Ceiling mount, indoor/outdoor, requires housing
 SADT-100PM, Pole mount, indoor/outdoor, requires SADT-100WM
 SADT-110CM, Corner mount, indoor/outdoor, requires SADT-100WM
RECOMMENDED HOUSING OPTIONS
 SBR-100DCM, Indoor ceiling mount bracket for recessed application
 SHG-120, Metal indoor housing, requires wall or ceiling mount
 SHG-220, Metal outdoor housing w/ Heater & Blower, requires wall or ceiling mount
CONTROLLER
 SSC-1000, IC Series Camera Controller
 SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR Control

Dimensions (unit : mm)

ø151

94.5

177

ø159.5

Rear Panel

SCC-C6403

Specifications

Camera Type	Color/BW	Day/Night Pan Tilt Zoom
Image	Device	IT Super HAD CCD
	Size	1/4"
	Pixels – Total	811 x 508
	Pixels- Effective	768 x 494
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.3 Lux (30 IRE: Sense-Up x4)
	B/W	0.03 Lux (30 IRE: Sense-Up x4)
Electronic Shutter Range	ELC	OFF ~ 1/10Ksec
Pan/Tilt	Speed Manual Pan	0.1° ~ 180°/sec (64 Step)
	Preset Pan	400°/sec (max)
	Manual Tilt	0.1° ~90°/sec (64 Step)
	Preset Tilt	200°/sec (max)
	Range	Panning: 350°
		Tilting: 0°~90°
	Number of Auto PAN	4
	Number of Preset	128
	Number of Pattern	3
Functions	BLC	ON/OFF
	AGC	Off/LOW/HIGH
	Line Lock	INT/LINELOCK
	White Balance	ATW1/ATW2/AWC/MANUAL
	Motion Detection	ON/OFF
	Sense up	OFF / AUTO x2~x128 / 1/120~1/10K
	Remote	RS485
	Alarms	Input 4/Output 3
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB
Lens	Focal Length	3.55 ~ 113mm
	Zoom ratio	32X
	Aperture Ratio	F1.69 (Wide), F4.17 (Tele)
	Viewing Angle	Tele: 1° 78'(H) x 1° 34'(V) / Wide: 41° 5'(H) x 43° 01'(V)
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10°C ~ +50°C (14°F ~ +122°F)
	Humidity	Less than 90%
Power	Power Requirement	AC24V(60Hz) ±10%
	Power Consumption	18W
	LED Indicator	Yes
Physical Specification	Dimensions	Dome: 5.79" (147ø)mm
		Outline: 6.2834" (ø) x 6.9685"(H) / 159.6(ø) x 177(H)mm
	Weight	3.9lbs/1.8Kg
Certifications	UL, FCC	

SCC-C6407

1/4″ Day/Night, Wide Dynamic Range, Pan-Tilt-Zoom Dome Camera

The SCC-C6407 is the ultimate speed dome with all the expected innovative features in most surveillance systems. This product contains a 32X built-in optical lens and 10X digital zoom to offer up to 320X zoom capability. The camera can detect an object at great distance with high clarity via the auto focus function. Its Digital Signal Processor (DSP) system displays clear and high quality images of the objects in either bright or dark settings.

The camera can observe objects clearly in dark conditions by its high sensitivity, which allows observation under minimum illumination of 0.05 lux (sens-up x160).

The Day/Night function allows the camera to automatically switch from color mode to black and white mode according to the light conditions to display the best picture quality. The camera also employs a WDR (Wide Dynamic Range) function that provides clear images even under severe backlight circumstances where illumination intensity can vary excessively.

Included functions are; auto white balance which ensures accurate color representation under most environmental conditions, motion detection and 12 mosaic privacy zones.

SCC-C6407
1/4″ Day/Night, Wide Dynamic Range, Pan-Tilt-Zoom Dome

Features
- Day/Night WDR Pan Tilt Zoom Dome Camera
- 1/4″ Ex-View HAD CCD
- 480 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination: Color: 0.2 Lux / B/W: 0.07 Lux (30 IRE)
- 32X Optical Zoom plus 10X Digital Zoom
- Digital Image Stabilization
- 360º Panning, 0º ~ 180º Tilting
- High-Speed PAN/TILT (400°/sec)
- BLC with Area Setting
- Motion Detection
- 12 Mosaic Privacy Zones
- 8 Alarm Inputs, 3 Alarm Outputs
- OSD (On Screen Display)
- AC24V (60Hz)

Accessories
RECOMMENDED POWER SUPPLIES
- GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
- GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
- GV-M24816UL, 24VAC, 8 amp, 16 fused outputs

RECOMMENDED MOUNTS
- SADT-100WM, Wall mount, indoor/outdoor, requires housing
- SADT-100CM, Ceiling mount, indoor/outdoor, requires housing
- SADT-100PM, Pole mount, indoor/outdoor, requires SADT-100WM
- SADT-110CM, Corner mount, indoor/outdoor, requires SADT-100WM

RECOMMENDED HOUSING OPTIONS
- SBR-100DCM, Indoor ceiling mount bracket for recessed application
- SHG-120, Metal indoor housing, requires wall or ceiling mount
- SHG-220, Metal outdoor housing w/ Heater & Blower, requires wall or ceiling mount

CONTROLLER
- SSC-1000, IC Series Camera Controller
- SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR Control

Dimensions (unit : mm)

ø151
94.5
177
SAMSUNG
ø159.5

Rear Panel

SCC-C6407

Specifications

Camera Type	Color/BW	Day/Night Pan Tilt Zoom
Image	Device	Ex-View HAD CCD
	Size	1/4″
	Pixels – Total	811 x 508
	Pixels- Effective	768 x 494
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.2 Lux (30 IRE: Sense-Up x4)
	B/W	0.07 Lux (30 IRE: Sense-Up x4)
Electronic Shutter Range	ELC	OFF ~ 1/10Ksec
Pan/Tilt	Speed Manual Pan	0.1° ~ 180°/sec (64 Step)
	Preset Pan	400°/sec (max)
	Manual Tilt	0.1° ~90°/sec (64 Step)
	Preset Tilt	200°/sec (max)
	Range	Panning: 360°
	Tilting	0°~180°
	Number of Auto Pan	4
	Number of Preset	128
	Number of Pattern	3
	Number of Scan	4
Functions	BLC	ON/OFF
	AGC	Off/LOW/HIGH
	Line Lock	INT/LINELOCK
	White Balance	ATW1/ATW2/AWC/MANUAL
	Motion Detection	ON/OFF
	Sense up	OFF / Auto x2~x160 / 1/120~1/10K
	Remote	RS485
	Alarms	Input 8/Output 3
	WDR	128
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	50dB
Lens	Focal Length	3.55 ~ 113mm
	Zoom ratio	32X
	Aperture Ratio	F1.69 (Wide), F4.17 (Tele)
	Viewing Angle	Tele: 1° 78'(H) x 1° 34'(V)
		Wide: 41° 5'(H) x 43° 01'(V)
OSD	OSD	YES
Environmental Conditions	Operating Temperature	-10℃ ~ +50℃ (14℉ ~ +122℉)
	Humidity	Less than 90%
Power	Power Requirement	AC24V(60Hz) ±10%
	Power Consumption	22W
	LED Indicator	Yes
Physical Specification	Dimensions	Dome: 5.79″ (147ø)mm
		Outline: 6.2834″ (ø) x 6.9685″(H) / 159.6(ø) x 177(H)mm
	Weight	3.75lbs/1.7Kg
Certifications	UL, FCC	

SCC-C6475

1/4″, IP, Day/Night, Wide Dynamic Range Pan-Tilt-Zoom Dome Camera

The Samsung Electronics SCC-C6475 IP Smart Dome camera is the perfect solution for your IP video needs. It can be connected to a network by ADSL, cable modem and LAN.

The SCC-C6475 includes it own embedded OS and connects via Ethernet to Networks for remote viewing. It supports common protocols such as DDNS, DHCP, TCP/IP, UDP/IP, HTTP, FTP, SMTP, RTP/RTSP, NTP and PPPoE. The maximum transmission speed is 25ips and recording may continue up to 10 minute on a local PC.

The product contains a 22X built-in optical lens and 10X digital zoom to offer up to 220X zoom capability.

Features include, Wide Dynamic Range, True Day/Night with removable IR cut filter, switches from Color to Black and white for low light conditions, motion detection, privacy zones, auto focus and auto white balance.

The SCC-C6475 delivers clear, high resolution images in even the most demanding lighting conditions.

SCC-C6475

1/4″, IP, Day/Night, Wide Dynamic Range Pan-Tilt-Zoom Dome Camera

Features

- Day/Night IP Pan Tilt Zoom Dome Camera
- 1/4″ Ex-View HAD CCD
- 480 TV Lines Resolution
- DSP (Digital Signal Processing)
- Minimum Scene Illumination: Color: 0.2 Lux / B/W: 0.07 Lux
- 22X Optical Zoom plus 10X Digital Zoom
- Digital Image Stabilization
- 360º Panning, 0º ~ 180º Tilting
- High-Speed PAN/TILT (400º/sec)
- BLC/AGC
- Motion Detection
- 12 Mosaic Privacy Zones
- 4 Alarm Inputs, 3 Alarm Outputs
- Network, 10/100 BaseT
- Client Software included
- OSD (On Screen Display)
- AC24V (60Hz)

Accessories

RECOMMENDED POWER SUPPLIES
 GV-TRAN-24-40LED, 24VAC, 40VA, Class II plug in transformer
 GV-M2448UL, 24VAC, 4 amp, 8 fused outputs
 GV-M24816UL, 24VAC, 8 amp, 16 fused outputs
RECOMMENDED MOUNTS
 SADT-100WM, Wall mount, indoor/outdoor, requires housing
 SADT-100CM, Ceiling mount, indoor/outdoor, requires housing
 SADT-100PM, Pole mount, indoor/outdoor, requires SADT-100WM
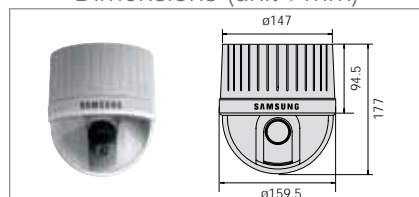 SADT-110CM, Corner mount, indoor/outdoor, requires SADT-100WM
RECOMMENDED HOUSING OPTIONS
 SBR-100DCM, Indoor ceiling mount bracket for recessed application
 SHG-120, Metal indoor housing, requires wall or ceiling mount
 SHG-220, Metal outdoor housing w/ Heater & Blower, requires wall or ceiling mount
CONTROLLER
 SSC-1000, IC Series Camera Controller
 SSC-2000, System Keyboard w/ touch screen graphic LCD Panel and DVR Control

Dimensions (unit : mm)

ø147
94.5
177
ø159.5

Rear Panel

SCC-C6475

Specifications

Camera Type	Color/BW	Day/Night IP Pan Tilt Zoom
Image	Device	Ex-View HAD CCD
	Size	1/4″
	Pixels – Total	811 x 508
	Pixels – Effective	768 x 494
Scanning	System	525 lines, 2:1 Interlace
	Horizontal Frequency Internal Mode	15,734Hz
	Horizontal Frequency Line-lock Mode	15,750Hz
	Vertical Frequency Internal Mode	59.94Hz
	Vertical Frequency Line-lock Mode	60Hz
Min. Scene Illumination	Color	0.2 Lux (30 IRE: Sense-Up x4)
	B/W	0.07 Lux (30 IRE: Sense-Up x4)
Electronic Shutter Range	ELC	OFF ~ 1/10Ksec
Pan/Tilt	Speed Manual Pan	0.1˚ ~ 180˚/sec
	Preset Pan	400˚/sec (max)
	Manual Tilt	0.1˚ ~90˚/sec
	Preset Tilt	200˚/sec (max)
	Range	Panning: 360˚
	Tilting	0˚~180˚
	Number of Auto PAN	4
	Number of Preset	128
	Number of Pattern	3
Functions	BLC	ON/OFF
	AGC	Off/LOW/HIGH
	Line Lock	INT/LINELOCK
	White Balance	ATW1/ATW2/AWC/MANUAL
	Motion Detection	ON/OFF
	Sense up	OFF / x2~x160 / 1/120~1/10K
	Remote	RS485
	Alarms	Input 4/Output 3
	WDR	128
Resolution	Horizontal	480 TV Lines
	Vertical	350 TV Lines
Video Output	VBS 1.0Vp-p	VBS 1.0Vp-p
S/N Ratio	S/N Ratio	(AGC OFF)
Lens	Focal Length	3.6 ~ 79.2mm
	Zoom ratio	22X
	Aperture Ratio	F1.6(Wide), F3.8(Tele)
	Viewing Angle	Tele: 2˚ 3′(H) x 1˚ 7′(V)
		Wide: 47˚ 9′(H) x 36˚ 9′(V)
OSD	OSD	YES
IP SECTION	Server OS	Embedded Linux
	Client OS	Win 2K/XP
	Client CPU	Pentium 1GHZ Higher
	Memory	256MB Higher
	Graphic Accelerator	Internet explorer 5.0 higher
	Compression	MPEG4 or MJPEG
Network	Ethernet	10/100 BaseT
	Network Protocols	TCP/IP, UDP/IP, HTTP, FTP, SMTP, RTP/RTSP, NTP, PPPoE
	DDNS	DHCP – Notification Support for
		Dynamic IP
	ADSL	Only PPPoE
	Video Resolution	704 x 480, 640 x 480, 352 x 240
	Video Quality	High, Medium, Low
	Performance MJPEG/MPEG4	Max 30 fps
	Users	MJPEG – 10 users
		MPEG4 – 20 users
	Access levels	Guest, Administrator, Operator, User
	Security	IP filtering
	Alarm Control	MJPEG only
	Recording	Max. 10 mins.
Environmental Conditions	Operating Temperature	-10˚C ~ +50˚C (14˚F ~ +122˚F)
	Humidity	Less than 90%
Power	Power Requirement	AC24V (60Hz)±10%
	Power Consumption	25W
	LED Indicator	Yes
Physical Specification	Dimensions	Dome: 5.79″ (147ø)mm
		Outline: 6.2834″ (ø) x 6.9685″(H) / 159.6(ø) x 177(H)mm
	Weight	3.75lbs/1.7Kg
Certifications	UL, FCC	