



## GV-IP Speed Dome Outdoor (GV-SD010-S)



- Provide 18X, 23X, 36X
- CIF and D1 resolution
- H.264, MPEG4 and MJPEG
- 2 way audio
- Digital In x 4, Digital Out x 1
- Preset speed up to 400°/sec
- Auto-Calibration
- Digital Image Flip
- Minimum illumination 0.01 Lux (B/W)
- Wide Dynamic Range

### AVAILABLE MODELS

- ▶ GV-SD010-S18X
- ▶ GV-SD010-S23X
- ▶ GV-SD010-S36X

### INTRODUCTION

The GV-IP Speed Dome provides variable pan/tilt speeds ranging from a fast patrol of 400° per second to a slow ramble of 5° per second with 0.225° pan accuracy for fast and accurate tracking ability. The 360° endless rotation and -10°~190° tilt travel make tracking the object passing directly beneath the GV-IP Speed Dome. Maximum 64 preset points can be programmed for precise location of target areas, and users can also define 8 sequences, 4 auto-pan modes and 4 cruise routes for the Dome to operate automatically. The GV-IP Speed Dome provides 4 alarm inputs and 1 alarm relay output, and the alarm management can be done through the network as well.

**With the proper accessories, GV-IP Speed Dome can adapt to environment requirements to be installed differently. Please refer to [Datasheet](#).**

### Specification

Model	GV-SD010-S18X	GV-SD010-S23X	GV-SD010-S36X	
Camera				
Image Sensor	1/4" Exview CCD	1/4" Progressive CCD	1/4" ExviewCCD	
Optical Zoom	18x	23x	36x	
Digital Zoom	12x			
Effective Pixels	NTSC	380k		
	PAL	440k		
Horizontal Resolution	NTSC	530 TVL	540 TVL	530 TVL
	PAL	530 TVL	540 TVL	530 TVL
Scanning System	NTSC / PAL			
Synchronization Video	Internal / Line Lock			
Output S/N	1.0 Vp-p / 75 Ω, BNC			

Ratio		> 50 dB (AGC Off)		
Minimum Illumination		0.07 lux;0.01 lux (B/W)	0.1 lux;0.01 lux (B/W)	0.1 lux;0.01 lux (B/W)
Focal Length		4.1 ~ 73.8 mm	3.6 ~ 82.8 mm	3.4 ~ 122.4 mm
Focus Mode		Auto / Manual		
White Balance		Auto / Manual		
Iris Control		Auto / Manual		
Electronic Shutter	NTSC	1/1 ~ 1/10k s	1/2 ~ 1/30k s	1/1 ~ 1/10k s
	PAL	1/1 ~ 1/10k s	1/1.5 ~ 1/30k s	1/1 ~ 1/10k s
AGC Control		Auto / Manual		
Back Light Compensation		On / Off		
Video				
Video Codec		H.264, MPEG4, MJPEG		
Video Resolution	NTSC	720 x 480, 720 x 480 De-interlace, 360 x 240, 176 x 112		
	PAL	720 x 576, 720 x 576 De-interlace, 360 x 288, 176 x 144		
Frame Rate		30 fps (NTSC) / 25 fps (PAL) at D1		
Audio				
Audio input/output		2-way audio, stereo jack, ø 35 mm		
Audio Codec		G.711		
Network				
Interface		10/100 Base-T Ethernet, RJ-45 connector		
Protocol		HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP		
Web Interface				
Installation & Management		Web-based configuration		
Firmware Upgrade		Remote upgrade through Web Browser IP Device Utility included in the Software DVD		
Access from Web Browser		live view, video recording, PTZ control, preset setting, bandwidth control, image snapshot, digital I/O control, 2-way audio, Picture-in-Picture (PIP), privacy mask, visual automation		
Operation				
Pan Travel		360° endless		
Tilt Travel		-10° ~ 190°		
Manual Speed		0.5° ~ 90°/s		
Preset		64		
Preset Accuracy		0.225°		
Preset Speed		5° ~ 400°/s		
Sequence		8		
Auto Pan		4		
Cruise		4		
Privacy Mask		24	8	24
Proportional Pan & Tilt		On / Off (Pan and tilt speed proportional to zoom ratio)		
Resume afterPower Loss		Yes		
Home Function		Preset, Sequence, Auto pan, Cruise		

Auto Flip		Digital / Mechanical / Off	
Digital Slow Shutter		On / Off	
Motion Detection		On / Off	
Wide Dynamic Range		On / Off	
Day/Night: Mechanical IR Cut Filter		On / Off	
Image Inverse		On / Off	
Image Freeze		On / Off	
Alarm Input		4	
Alarm Output		1	
Alarm Reaction		Preset, Sequence, Auto pan, Cruise	
General			
Operating Temperature		-45°C ~ 50°C (-49°F ~ 122°F)	
Waterproof Standard		IP66 standard (Outdoor series)	
Dimensions		ø 172 x 302.5 mm (6.7 x 11.9 in) / ø 190 x 302.5 mm ( 7.5x 11.9 in) with sunshield	
Weight		2.6 kg (5.7 lbs)	
Power Source	NTSC	Input	100 / 115V AC, 1.6A, 50-60HZ
		Output	24V AC ± 10%, 3A
	PAL	Input	220 / 230V AC, 50 / 60HZ, 0.4A
		Output	24V AC ± 10%, 3A
Power Consumption		65 W (with Heater)	
Fan		On: 35°C / 95°F	
Heater		On: -7°C / 19.4°F ; Off: 3°C / 37.4°F	
Regulatory		CE, FCC, RoHS	
Applications			
Network Storage		GV-NVR, GV-System	
3G Mobile Phone		Built-in player for 3GPP / ISMA	
Live Viewing		IE , GV-MultiView	
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM, GV-GIS	

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