

GV-SCS530

Integrated PTZ Positioning System, 36x Optical Zoom, WDR, D/N, Indoor, Outdoor Camera



Summary

The "Smart Camera System" GV-SCS530 is a high-performance, integrated positioning system featuring a 530TV Lines resolution, 36x optical zoom camera, lens and complete PTZ unit. Made from die-cast aluminum construction, with an IP66 rated weather-resistant design. The GV-SCS530 has a built-in heater, wiper, window defroster, sun-shield, anti-fogging, dust-proof and frost protection function. It can withstand high winds, offers complete 360-degree panning with tilt ranges of +33 degrees and -80 degrees from the horizontal. What's more, the camera is equipped with a number of convenient functions such as Spherical Privacy Zone Masking with Mosaic Effect, Video Motion Detection, Multi-Line On-Screen Display, E-flip, and Picture Freeze. The GV-SCS530 is also compatible with many popular control protocols.

Features

- 1/4" type ExView HAD CCD
- 530TV Lines Resolution
- Minimum Scene Illumination: 1.4 lux @ 1/60s shutter speed, 0.1 lux @ 1/4s shutter speed
- 36x Optical Zoom (12x Digital zoom, 432x total)
- True Day/Night with IR Filter Removal
- Wide Dynamic Range (WDR)
- E-flip
- Picture Freeze
- Advanced Spherical Privacy Zone Masking Function with Mosaic Effect
- Video Motion Detection
- Multi Line On-Screen Display
- Electronic shutter / slow shutter
- Internal / External synch (V-lock)
- Die-cast Aluminum construction, high temperature resistant
- Weather resistant, dust proof design, protection grade IP66
- 360° continuous panning
- Tilt range +33° ~ -80°
- Auto pan function between 2 presets
- 128 presets 6 tracks
- Anti fogging and frost protection function
- Wiper
- Factory presets
- Register set command
- RoHS-compliant
- Multi Protocol Control
- Included Wall Mount

36x Optical Zoom

The camera uses a 36X optical (3.4 ~ 122.4mm) motorized zoom lens, along with the 12X digital zoom, resulting in 432X zooming capability.



Wide Dynamic Range (WDR)

WDR utilizes high shutter speed in bright areas and low shutter speed in dark areas increasing the range of luminance.



GV-SCS530



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This product specifications and manual are also available in pdf format at www.gviss.com
The information is subject to change without notice - v5.5.10

GV-SCS530

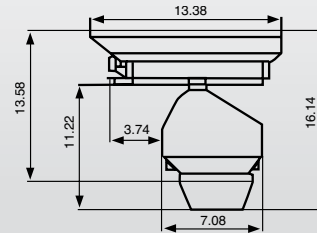
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Specifications

Image sensor	1/4" Ex-View-HAD CCD
Number of total pixels	Approx. 380,000 pixels
Lens	36x optical zoom, f=3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5
Digital zoom	12x (432x with optical zoom)
Angle of view (H)	57.8° (wide end) to 1.7° (tele end)
Minimum object distance	320mm (wide end) to 1,500mm (tele end)
Sync system	Internal / External (V-lock)
Minimum illumination	1/60s mode: 1.4 lux (typical)(F1.6, 50 IRE); 1/4s mode: 0.1 lux (typical)(F1.6, 50 IRE)
Horizontal Resolution	530TV Lines
Day & Night	Yes, True D/N, IR Cut Filter Removal
S/N ratio	More than 50dB
Electronic shutter	1/1 to 1/10,000s, 22 steps
White balance	Auto, ATW, Indoor, Outdoor, One-push, Manual
Gain	Auto / Manual (-3 to 28 dB, 2 dB steps)
AE control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation, Backlight compensation, Slow AE
Wide Dynamic Range	On/Off: Wide-D, 128x
Backlight compensation	On/Off
Privacy zone masking	On/Off (8 masks per view / 24 masks presets in the entire viewing range when integrated into a PTZ camera - 14 colors, mosaic)
Character generator	Mode display / Multi-line OSD (OSD has priority over Mode display)
Flicker cancel	Auto
Focusing system	Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF
Picture effects	E-Flip, Black & White, Mirror Image, Picture Freeze, Mirror Image
Camera operation switch	Zoom tele, Zoom wide
Video output	VBS: 1.0 Vp-p (sync negative), Y/C
Dimensions (WxHxD)	16.14 x 13.38 x 6 in / 410 x 340 x 152 mm
Pan Preset speed	100°/s (wind speed low 50 mile/hour)
Tilt preset speed	30°/s (wind speed low 50 mile/hour)
Pan speed	0° ~ 40°/S
Tilt speed	0° ~ 20°/S
Pan range	360° continuously
Tilt range	+33° ~ -80°
Preset, track	128 presets, 6 tracks
Control way	Multi-protocol, Baud rate from 2400Bps to 19200Bps, RS485 Control
Operating Temperature	-35° ~ 55°C / -31° ~ 131° F
Relative humidity	90% Non Condensing
IP grade	IP66
Power supply	AC 24V / AC 110V / AC 230V
Power consumption	70VA
Weight	23.1lbs / 10.5kg
Protocols	Pelco P, D, SAMSUNG

Dimensions (unit : in) Front/Rear Panel



Certifications



GV-SCS530