

CAM850



The G50 series is designed to break the limit of conventional high speed dome cameras and expand the : The wide tilt range of full 180° (-90° to +90°) and 360° endless pan provide observation with no blind angle, and expand the application area. With the integrated active light source, the G50 (IR/VL series) can work in a completely dark environment, and ensures clear surveillance image in any circumstances. Compared with conventional PTZ platform, G50 series offers an accurate, high-speed movement, and provides automated functions such as preset, sequence, schedule management and telemetric control.



AU-G50 IR

LIMITLESS HIGH SPEED PTZ CAMERA



INFRARED ENERGY

The G50IR camera series is a high-duty, high-speed outdoor PTZ camera with limitless view: the wide tilt-range allows the observation of targets beyond the horizon. The PTZ mechanism responds fast to control commands, and makes the operation as smooth as a high speed dome. The G50IR series is equipped with an integrated IR light, which can adjust the illumination intensity and angle according to zoom rate, and delivers image fully dark environment up to 80 meters.



Product Spec.	AU-G50IR / AU-G50VL
Image Sensor:	1/4" Sony EX-View CCD, max.530TVL resolution
Lens/ Zoom (div. models)	18x Optical [4.1 - 73.8mm, 48° - 2.8°, F1.4 - F3.0] / 12x Digital
	26x Optical [3.5 - 91mm, 54.2° - 2.2°, F1.6 - F3.8] / 12x Digital
	36x Optical [3.4 - 122.4mm, 57.8° - 1.7°, F1.6 - F4.5] / 12x Digital
Control	Multi-Mode Auto-Focus, Auto Iris, Zoom
Min. Illumination	18x zoom model: 0.7 lux / 0.01 lux(Night Mode), F1.4
	26x zoom model: 1.0 lux / 0.01 lux(Night Mode), F1.6
	36x zoom model: 1.4 lux / 0.01 lux(Night Mode), F1.6
Image Enhancement	Wide-Dynamic, Back-Light Compensation, Flip, Mirror, AGC, White Balance, Slow-Shutter, Privacy Mask (8 zones)
Overlay Display	Date, Time, Camera Tag, Temperature, Zone description, Zoom Ratio, Preset name
Pan Tilt	360°Pan, 0.4 - 80°/s, 180°Tilt, 0.4 - 60°/s, Auto-Flip
Auto-Tours	128 x Presets, 4 x Cruising Track, 4 x Pattern Tour (4 x 100 Sec), Scan Tour
Setting	OSD
Scheduled Control	Day / Night mode, Idle protection, Timer run
Sensor / Alarm	7/2
Active Beamer	IR Version 80 meter, Visible Light 100 meter
Extras	Idle protection / Scheduled automation / Start-up assignment / Wiper function
Telemetric	RS485(2400 to 19200bps), optional with Coax-control, 16 Multiple Protocol supported
Power	AC 24V, 46W(IR Version), AC 24V, 80W(VL Version)
Environment	-40 to 60
Dimension	473 x 250 x 260 mm
Weight	8.55KG
Weather Protection	IP66

- High-speed outdoor PTZ camera
- Real 530 TVL
- Wide Dynamic Range
- 360° endless pan
- Full 180° tilt range
- Up to 128 presets
- 18x, 26x or 36x optical zoom
- Smart thermal control
- Schedule management
- Built-in IR beamer up to 80m
- Wiper function
- Multi-protocol
- Day and night

MODELS WITH ELECTRONIC IMAGE STABILIZER AND HALOGEN HEADLIGHT ARE AVAILABLE. CONTACT YOUR LOCAL VIDO.AT REPRESENTATIVE FOR FURTHER INFORMATION

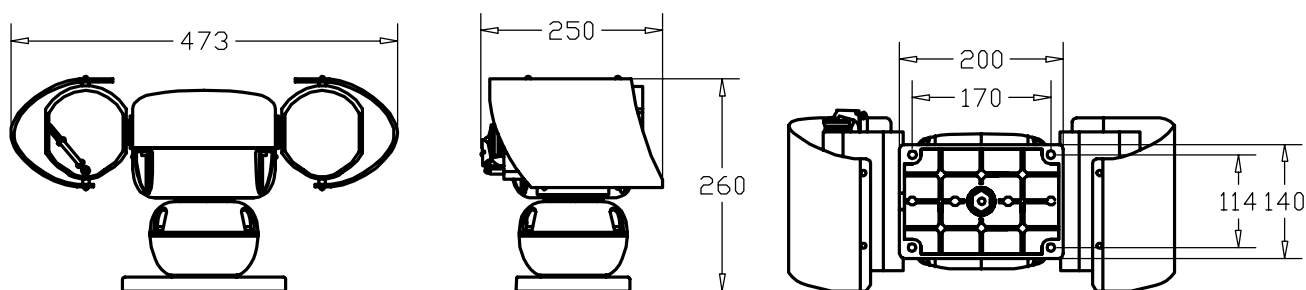
AU-G50 ST

HIGH RESISTANT OUTDOOR PTZ CAMERA

- Limitless View
- 530TVL High Resolution
- Wide Dynamic Range
- Day and Night
- Stainless Steel

for HEAVY WEATHER

The G50ST is a stainless steel PTZ camera series, designed for marine application or harsh environment. Based on the G50 platform. The PTZ mechanism has been improved to meet the environmental request. Based on the G50 Platform, it inherits the full benefits and features, such as limitless-view, smart thermal control and intelligent PTZ automation.



Product Specification	AU-G50ST18W, AU-G50ST26W, AU-G50ST36W
Image Sensor:	1/4" Sony EX-View CCD, max.530TVL resolution
Lens/ Zoom (div. models)	18x Optical (4.1 - 73.8mm, 48° - 2.8°, F1.4 - F3.0) / 12x Digital 26x Optical (3.5 - 91mm, 54.2° - 2.2°, F1.6 - F3.8) / 12x Digital 36x Optical (3.4 - 122.4mm, 57.8° - 1.7°, F1.6 - F4.5) / 12x Digital
Control	Multi-Mode Auto-Focus, Auto Iris, Zoom
Min. Illumination	18x zoom model: 0.7 lux / 0.01 lux(Night Mode), F1.4 26x zoom model: 1.0 lux / 0.01 lux(Night Mode), F1.6 36x zoom model: 1.4 lux / 0.01 lux(Night Mode), F1.6
Image Enhancement	Wide-Dynamic, Back-Light Compensation, Flip, Mirror, AGC, White Balance, Slow-Shutter, Privacy Mask (8 zones)
Overlay Display	Date, Time, Camera Tag, Temperature, Zone description, Zoom Ratio, Preset name
Pan Tilt	360°Pan, 0.4 - 80°/s, 180°Tilt, 0.4 - 60° /s, Auto-Flip
Auto-Tours	128 x Presets, 4 x Cruising Track, 4 x Pattern Tour (4 x 100 Sec), Scan Tour
Setting	OSD
Scheduled Control	Day / Night mode, Idle protection, Timer run
Sensor / Alarm	7/2
Extras	Idle protection / Scheduled automation / Start-up assignment / Wiper function
Telemetric	RS485(2400 to 19200bps), optional with Coax-control, 16 Multiple Protocol supported
Power	AC 24V, 30W (no beamer), 46W(IR Version), AC 24V, 80W(VL Version)
Environment	Temperature range -40° to 60°C
Dimension	473 x 250 x 260 mm
Weight	13 Kg
Weather Protection	IP66

NEW MOBILITY CONCEPT

The G50M camera series dedicated for mobile surveillance applications. The construction and PTZ mechanism are specially design to stand the vibration and shock on moving vehicles. The integrated active light source with IR , or halogen head light can illuminate targets in total darkness up to 100 meters.



G50M IR / VL

VEHICLE SERIES



AU-BR50M

Anti-Shock Vehicle Base

Absorbs and reduces shock up to 10G

Product Specification	AU-G50M-IRW18 AU-G50M-VLW18	AU-G50M-IRW26 AU-G50M-VLW26	AU-G50M-IRW36 AU-G50M-VLW36
Image Sensor	1/4" Sony Ex-View HAD CCD , 530 TVL		
Optical Lens&Zoom	18x 2.8°-48°/4.1-73.8mm F1.4-F3.0,12x Digital	26x [2.2°-54.2°/3.5-91mm] F1.6-F3.8 ,12x Digital	36x[1.7°-57.8°/3.4-122mm] F1.6-F4.5,12x Digital
Minimum Illumination	0.7lux (Color)	1.0lux (Color)	1.0lux (Color)
	0 Lux (with IR or VL beamer on)		
Lens control	Zoom ,Focus(auto/man),Iris(auto/man)		
Camera functions	White Balance(ATW, AWB, man) / BLC / Wide Dynamic / Slow shutter / AGC / AE /		
	Gain Limiter / Day-Night ICR Filter / Image Flip & Mirror		
PTZ Characteristics	360° Pan (0.4° to 80° per sec) endless / 180° Tilt (0.4° to 60° per sec) with Auto-Flip /Vario-Speed control / Proportional & constant PT speed		
Automation	Preset postions(128x) / Preset tours(4x) / Scan tours(4x) / Pattern tracks(4 x 100sec) / Idle Protection / Scheduled Automation / Start-up assignment		
On-Screen Display	Date / Time / Zoom ratio / Temperature / Zones / Camera name		
OSD Menu	Setup / Automation programming / Password protection		
S/N Ratio	more than 50dB (AGC OFF)		
Electronic Shutter	1/1 to 1/10,000 s	1/1 to 1/10,000 s	1/3 to 1/10,000 s
External I/O	RS485/BNC video output/7 sensor inputs/2 alarm outputs		
Telemetric	RS485(2400 to 19200bps),optional with Coax-control		
	16 Multiple Protocol supported		
Beamer Range	Infrared version: Wavelength 850nm,Range 60-80m,selectable intensity Visible Light:50W Halogen reflector,up to 100m 0Lux Night-Vision		
Power Consumption	AC 24V,30W(G50)/45W(IR Version)/80W(VL/M version)		
Operation environment	IP66 weather protection/ temperature range -40°to 60°/ humidity to 95%		
Dimension	G50:330(W)x250(L)x260(H)mm,7.5KG. G50IR/VL/M(on-vehicle):473(W)x250(L)x260(H)mm,8.55KG		