

GCVF series

Varifocal Marine Cameras

2Mp & 8Mp – SST 316L - Antifog



ALLWAN

VIDEO & SECURITY SOLUTIONS



DESCRIPTION

- Anti-corrosion – Stainless steel 316L
- Waterproof IP67
- GCVF20: 2Mp / GCVF80 : 8Mp (4K)
- Motorized varifocal lens
- IR lighting range 30m max
- Resistant to shocks and vibrations
- POE 802.3af
- Use from -40 to +60°C

The GCVF series consists of 2 marine cameras, one with a 2Mp sensor and the second with a resolution of 8Mp (4K).

Both are equipped with a motorized varifocal lens that allows the lens to be adjusted remotely during installation.

On the front side, two heating elements prevent fogging inside the camera in cold or wet weather.



NDA-certified, these cameras ensure data security and confidentiality.

Made in 316L stainless steel with A4 stainless steel screws, they are perfectly adapted for use at sea.

TECHNICAL CHARACTERISTICS

GCVF series

CAMERA

Material	Inox AISI 316L	
Certifications	IP66/IP67 - Tested shock and vibration	
	GCVF20	GCVF80
Sensor	2Mp - SONY Exmor CMOS DAY/NIGHT	8Mp - SONY Exmor CMOS DAY/NIGHT
Objective	2.7-12mm MVF	3.2-10.5mm MVF
Angle of view	108.8°~32.3° H	108.1°~30.3° H
Shutter	Auto/Manual 1/30000sec/ 1/30sec	
Minimum illumination	Color : 0.03Lux Monochrome : 0lux IR ON	
Image processing	DOL HDR, DNC, BLC, HLC, White Balance, Exposure, Mirror, Flip, Proprietary Mask, LDC, OSD	
Analysis	Self-protection, motion detection	
Resolutions	1920x1080, 1280x720, 1024x576, 768x432, 704x392, 640x360, 384x216	3840x2160, 1920x1080, 1280x720, 1024x576, 768x432, 704x392, 640x360, 384x216
Compression	H.265, H.264, MJPEG	
Streaming	Simultaneous H.265, H.264 and MJPEG (Triple streaming) Independent control of fps, bandwidth and CVBR/CBR	

NETWORK

Security	Multi-level user authority, IP filtering, HTTP
Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
API	Open API, ONVIF profile S, T

GENERAL

Connectors	IP67 waterproof RJ45 connector at the rear. Plug to be mounted on cable provided
Food	POE 802.3af
Consumption	12W PoE
Humidity	0-90% RH(Uncondensed)
Temperature	-40°C - +60°C
Sealing	IP66/IP67
Dimensions/ Weight	109 x 132.5 x 124mm – 2,5Kg



Optional 316L stainless steel junction box