

EX-CGXBN series

ATEX Fixed Varifocal Cameras

2Mp & 8Mp – SST 316L - Antifog



ALLWAN

VIDEO & SECURITY SOLUTIONS



DESCRIPTION

- Atex Zone 1, 2, 21, 22
- Stainless steel 316L anti-corrosion body
- Waterproof IP68
- EX-CGXBN2: 2Mp/ EX-CGXBN8: 8Mp (4K)
- Wide angle or motorized varifocal fixed lens
- Resistant to shocks and vibrations
- POE 802.3af
- Use from -40 to +60°C

The EX-CGXBN series consists of 3 ATEX cameras certified by DEKRA, one with a 2Mp sensor and the other with 8Mp (4K) resolution.

One has a fixed 2.8mm lens and two are equipped with a motorized varifocal lens allowing the lens to be adjusted remotely during installation.

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

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

TECHNICAL CHARACTERISTICS

EX-CGXBN series

CAMERA

Material	Stainless steel AISI 316L – Electropolished
Certifications	ATEX: ATEX (EN 60079-0: 2017, EN 60079-1:2014, EN 60079-31: 2013): II 2 G Ex d IIC T6 Gb Ta -40°C to +60°C II 2 D Ex tb IIC T85°C Db Ta -40°C to +60°C IECEX : IECEX (IEC 60079-0:2017 , IEC 60079-1:2014, IEC 60079-31: 2013): I Ex d IIC T6 Gb Ta -40°C to +60°C I Ex tb IIC T85°C Db Ta -40°C to +60°C CE/FCC/KC
Ingress Protection	IP68 - Tested shock/vibration

NETWORK

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

VIDEO

EX-CGXBN2

EX-CGXBN8

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	

EX-CGXBN2

EX-CGXBN8

Sensor	2Mp SONY CMOS	8Mp SONY CMOS
Objective	EX-CGXBN2F: 2.8mm EX-CGXBN2VF: 2.7-12mm	EX-CGXBN8F: 3.2-10.5mm
Angle of view	Fixed 2.8: 113.7° Varifocal: 108.8°~32.3°	108,1~30,3°
Shutter	Auto/Manual 1/30000sec to 1/30sec	
Illumination mini	Color 0.03Lux - Monochrome 0.01Lux	
Image processing	DOL HDR, DNC, BLC, HLC, White Balance, Exposure, Mirror, Flip, Proprietary Mask, LDC, OSD	
Analysis	Selfprotection, motion detection	

GENERAL

Connectors	Stuffing box input
Food	12VDC / POE 802.3af
Consumption	12W PoE
Humidity	0-90% RH(Uncondensed)
Temperature	-40°C - +60°C
Sealing	IP68
Dimensions/ Weight	94 x 146 x 200mm – 4Kg

