

IceGuard series

Cold Storage Cameras

2Mp and 8Mp – SST 316L



ALLWAN

VIDEO & SECURITY SOLUTIONS



DESCRIPTION

- Stainless Steel 316L – Corrosion Proof
- Working Temperature up to -40°
- Ingress Protection IP67
- IceGuard20 : 2Mp / IceGuard80 : 8Mp (4K)
- Motorized Varifocal Lens 2,7-12mm
- Built-in IR Illuminator Max 30m
- Shocks and Vibrations Proof
- POE 802.3af

The **IceGuard** series consists of two cameras specifically designed for low-temperature environments: one equipped with a 2Mp sensor, the other offering 8Mp (4K) resolution for optimal image quality.

Both models feature a motorized varifocal lens, allowing precise remote adjustment during installation, without the need for direct intervention inside the cold room.



Internal anti-fog and anti-frost prevention system inside the camera, ensuring constant visibility even under extreme humidity and freezing conditions typical of cold storage warehouses.

NDA certified, these cameras guarantee data security and confidentiality.

Made of 316L stainless steel, they are perfectly suited for use in environments requiring frequent cleaning and decontamination.

TECHNICAL SPECIFICATIONS

IceGuard series

CAMERA

Material	Stainless Steel AISI 316L	
Certifications	IP66/IP67 - Tested shock and vibration	
	IceGuard20	IceGuard80
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	

RESEAU

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	RJ45 IP67 waterproof connector on the back. RJ45 plug provided
Power Supply	POE 802.3af
Power Consumption	12W PoE
Humidity	0-90% RH(Non-Condensé)
Working Temperature	-40°C - +60°C
Ingress Protection	IP66/IP67
Dimensions / Weight	109 x 132.5 x 124mm – 2,5Kg



Optional SST 316L Junction Box