

## 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.

NDAA 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

<b>Material</b>	Stainless Steel AISI 316L	
<b>Certifications</b>	IP66/IP67 - Tested shock and vibration	
	<b>IceGuard20</b>	<b>IceGuard80</b>
<b>Sensor</b>	2Mp - SONY Exmor CMOS DAY/NIGHT	8Mp - SONY Exmor CMOS DAY/NIGHT
<b>Objective</b>	2.7-12mm MVF	3.2-10.5mm MVF
<b>Angle of view</b>	108.8°~32.3° H	
<b>Shutter</b>	Auto/Manual 1/30000sec/ 1/30sec	
<b>Minimum illumination</b>	Color : 0.03Lux Monochrome : 0lux IR ON	
<b>Image processing</b>	DOL HDR, DNC, BLC, HLC, White Balance, Exposure, Mirror, Flip, Proprietary Mask, LDC, OSD	
<b>Analysis</b>	Self-protection, motion detection	
<b>Resolutions</b>	1920x1080, 1280x720, 1024x576, 768x432, 704x392, 640x360, 384x216	3840x2160, 1920x1080, 1280x720, 1024x576, 768x432, 704x392, 640x360, 384x216
<b>Compression</b>	H.265, H.264, MJPEG	
<b>Streaming</b>	Simultaneous H.265, H.264 and MJPEG (Triple streaming) Independent control of fps, bandwidth and CVBR/CBR	

#### RESEAU

<b>Security</b>	Multi-level user authority, IP filtering, HTTP
<b>Protocols</b>	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
<b>API</b>	Open API, ONVIF profile S, T
<b>GENERAL</b>	
<b>Connectors</b>	RJ45 IP67 waterproof connector on the back. RJ45 plug provided
<b>Power Supply</b>	POE 802.3af
<b>Power Consumption</b>	12W PoE
<b>Humidity</b>	0-90% RH(Non-Condensé)
<b>Working Temperature</b>	-40°C - +60°C
<b>Ingress Protection</b>	IP66/IP67
<b>Dimensions / Weight</b>	109 x 132.5 x 124mm - 2.5Kg



Optional SST 316L Junction Box