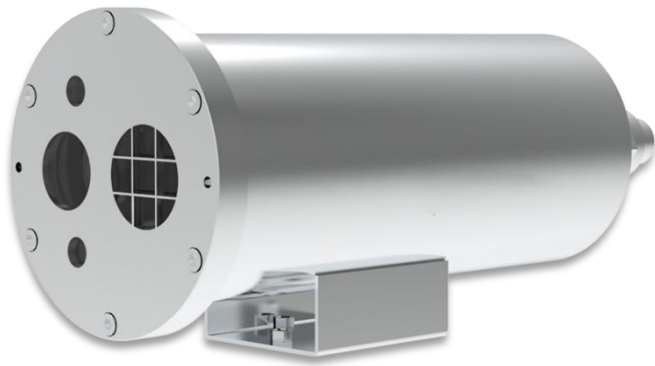


EXS300/EXS600

Explosion-proof PTZ Thermal Cameras



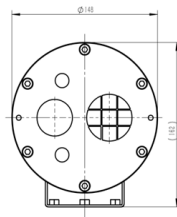
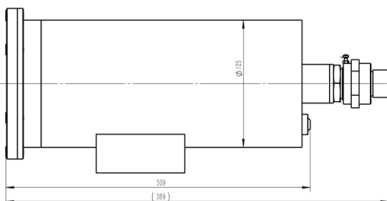
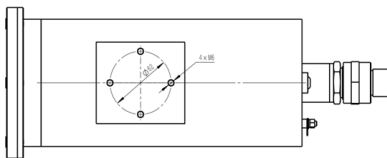
This EXS range comes in two models EXS300 and EXS600, which means either a 384x288 or a 640x512 resolution thermal camera. It has been designed to work in the harshest environments as is ATEX. Due to the explosive proof encapsulation. It is a non-contact, real-time, continuous and accurate temperature measurement device. It has the characteristics of small size, low power consumption, and easy integration.

The change of the target state, combined with the software system of the device, can visualize the temperature information of the temperature measurement object, and realize multiple functions such as equipment maintenance, fault detection, industrial process control, and quarantine.

It can be widely used in electric power temperature measurement and industrial automation, inspection and quarantine and other fields.

Key Features

- **Precise Temperature Measurement:** Point, line, and area.
- **High-Sensitivity Detector:** With contrast control.
- **Auto Hot-Spot Tracking:** Locates and tracks the hottest point.
- **Accurate Measurement:** $\pm 2^{\circ}\text{C}$ or 2% accuracy.
- **Manual Control:** Adjust timing and temperature.
- **Enhanced Imaging:** Features 3D noise reduction and false colour.
- **Flexible Display:** Digital zoom and mirror image.
- **Network Compatibility:** Supports RTSP, ONVIF, GB/T28181 and other protocols.
- **Lossless Compression:** Efficient real-time data streaming.
- **Compact Design:** Lightweight, low power, and easy to integrate.



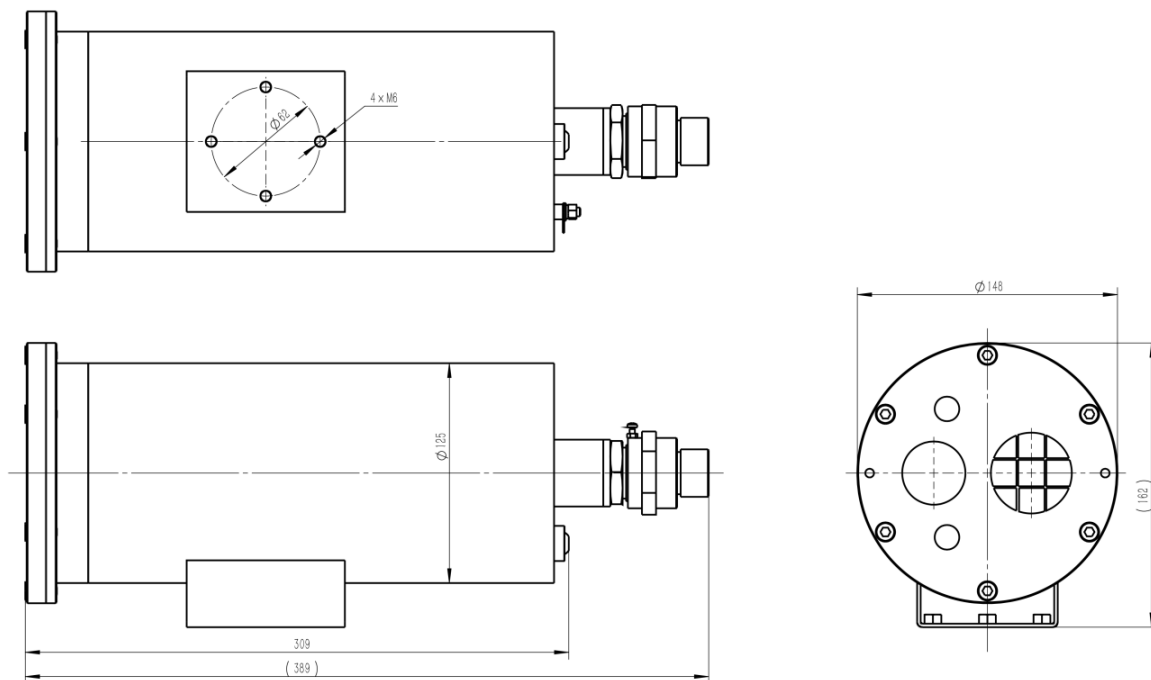
Specifications

Model		EXS300		EXS600	
Infrared performance	Detector type	Uncooled FPA			
	Spectral Range	7.5-14μm			
	IR Resolution	384*288		640*512	
	Pixel size	17μm		12μm	
	Thermal Sensitivity/NETD	<40mk (@30℃)		≤40mk @30℃	
	Focal Length	6.7mm	13mm	6.7mm	13mm
	Field of View	44.2°x33.9°	23.6°x17.8°	59.6°x46.5°	24.1°x18.2°
	Spatial resolution (IFOV)	2.61	1.31	1.79	0.92
Visible light performance	Sensor type	1/2.7" Progressive Scan CMOS			
	Resolution	1920×1080			
	Focal length	6mm			
	Field angle	52°x38°			
	Dynamic range	120dB			
	Fill distance	Infrared supplementary light maximum distance 30 m			
Temperature measurement performance	Thermometric analysis	20 points, 20 boxes, 10 lines			
	Object temperature range	-20 ℃~150 ℃（low temperature range）， 0 ℃~410℃ （medium temperature range）			
	Optional temperature range	+300 ℃~+650 ℃\+300 ℃~+2000 ℃\other ranges (high temperature range)			

	Temperature measurement accuracy	$\pm 2^{\circ}\text{C}$ or 2% of readings
Interface	Power interface	AC220V power interface
	Network interface	One RJ45 interface 10M/100M adaptive Ethernet port
System parameter	Supply voltage	AC 100~240V
	Operating temperature and humidity	$-40^{\circ}\text{C}\sim 70^{\circ}\text{C}$, $<90\%\text{ RH}$
	Protection level	IP68(2m/2h)
	Material	304 stainless steel
	Explosion-proof sign	Ex db IIC T6 Gb/Ex tb IIIC T80°C Db

Please be aware specifications can vary from time to time

Product Size:



Unit: mm

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