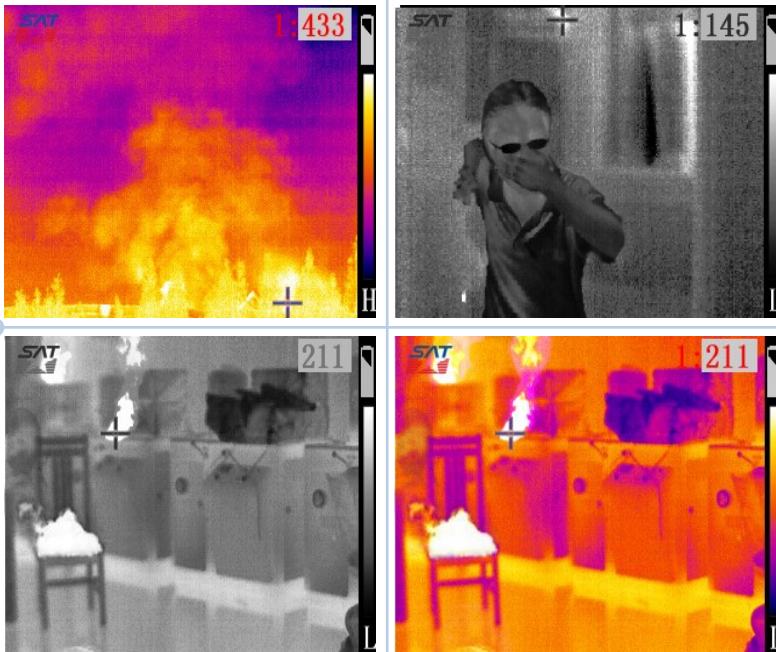


SATIR HRYXJ-A

Thermal Firefighting Camera

SATIR HRYXJ-A is a thermal camera that has been designed specifically for the firefighting sector. It is a fully certified to IP67 encapsulation which is vital for fire-fighting. It has passed rigorous waterproof testing and can maintain normal operation for 30 minutes under water at a depth of one metre. It can hold two hours of thermal video that can be saved to allow for post fire analysis. The camera has a very good temperature measurement system which is vital in identifying persons trapped in a fire and find areas where the fire may reignite.



Features

- Ergonomic design, easy to operate
- IP67 Protection—Waterproof
- Sturdy, Robust Design & Construction
- Built-in infrared lens to ensure best protection for optical system.
- Suitable for firefighting and rescue operations
- Two Detector Resolutions, multiple temperature ranges available

Camera Name	HRYXJ— A	
Resolution	160x120	or 384x 288
Thermal Sensitivity (N.E.T.D)	≤0.08°C @30°C	≤0.05°C @ 30°C
FOV/Min. Focus Distance	38°x28.5°/0.5m	56°x42°/0.5m
Spatial Resolution	4.1mrad	2.54mrad
Detector Type	UFPA (Uncooled focal plane array)	
Spectral Range	8-14μm	
Focus Mechanism	Fixed	
Measurement		
Temperature Range	-20°C ~ + 250°C ; +200°C ~ + 600°C; +200°C ~1000°C (Optional)	
Accuracy	±10°C	
Measurement Tools	Auto hot spot tracking/ Central Spot	
Measurement Corrections	Auto	
Environmental		
Operating	-20°C ~ +55°C	
Storage	-40°C to +70°C	
Humidity	10% to 98%, non—condensing	
Encapsulation	IP67	
Physical Characteristics (Camera Body)		
Weight	1400g	
Dimensions	175mm x 119mm x 125mm	
Interfaces		
Power Input	DC 8v (Operating time 2.5 Hours)	
Video Output	NTSC (60Hz) or PAL (50Hz) composite video	

Please be aware specifications can vary from time to time

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