

HRYXJ-A

The Ministry of Public Security of P.R. of China certified infrared camera for National Standard of Firefighting Infrared Camera



Waterproof test



Optional resolution detector

HRYXJ-A has two optional resolutions, 160x120 for HRYXJ-A (160) and 384x288 for HRYXJ-A (384). Both models provide the same operational functions.

Built-in infrared lens

Built-in infrared lens ensures the requirement of IP67 encapsulation. It also provides best protection to the lens.

Wide angle design provides a wider field of view making it suitable for firefighting and rescue work.

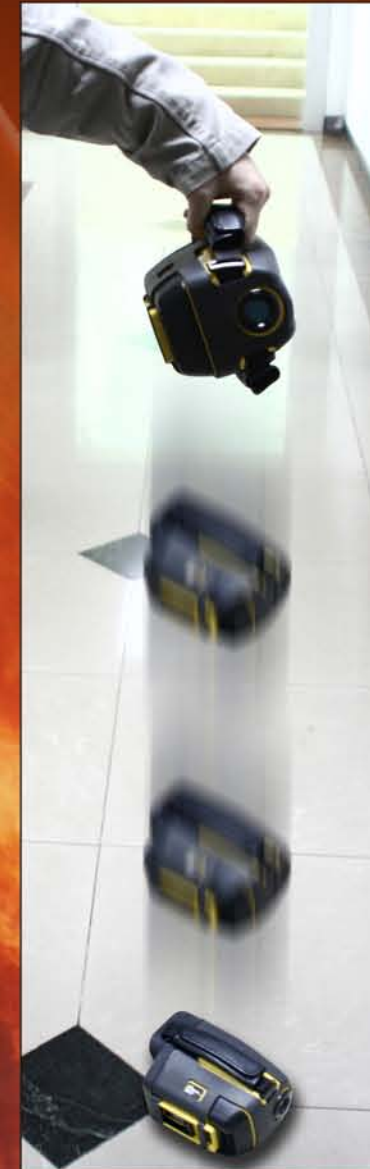
Waterproof

Waterproofing is necessary in an infrared camera for firefighting. HRYXJ-A has passed the waterproof testing, it can maintain normal operations for 30 minutes under water of one meter deep.

Drop test

HRYXJ-A passes the drop test, even if it falls on the floor from 1.8 meter high, it still keeps its normal performance.

Drop test



Temperature measurement

High temperature in a fire will threaten the lives of firefighters, the temperature measuring function of the HRYXJ-A can identify the places with high temperature, helping the firefighters to get away from a dangerous situation.

There is always a risk of reignition even after the fire has been extinguished. Firefighters can find places with high temperature using the HRYXJ-A and take actions to prevent reignition.



Type	HRYXJ-A	
Image performance		
FOV/Min.focus distance	35° x 26°/0.5m	56° x 42°/0.5m
Spatial resolution	3.8 mrad	2.5 mrad
Thermal sensitivity	≤0.1°C@30°C	
Detector type	UFPA	
Resolution	160 x120	384x288
Spectral range	8-14um	
Focus	Fixed	
Image presentation		
Image mode	IR	
LCD Display	TFT screen	
Video output	NTSC (60Hz) or PAL (50Hz) composite video	
Temperature measurement		
Measurement range	-20°C ~ +250°C, +200°C ~ +1000°C (optional)	
Accuracy	±10°C	
Measurement mode	auto tracking/central spot	
Correction	Auto	
Battery system		
Working voltage	8V DC	
Battery operating time	2.5 hours	

Environment specification	
Operating temperature range	long-time operation : -20°C~+55°C short-time operation : +80°C~+260°C
Storage temperature range	-40°C to +70°C
Humidity	10% to 98%, non-condensing
Encapsulation	IP67
Shock (operational)	25G
Vibration (operational)	2G
Physical characteristic	
Weight	1400g
Size	175mm×119mm×125mm
Tripod mounting	1/4" _20