

Water resistance

IRF2

HIGHEST RESOLUTION AND ACCURACY
WITH LOW COST



IRF2


Comfortable, rugged and easy to use.

Exceptional for firefighting

With temperature measurement function

amperis

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IRF2 firefighting thermal imaging camera integrates 160x120 uncooled FPA detector. Featured with temperature measurement function and unique firefighting color scale, IRF2 has specifically designed to help firefighters to see through smoke, identify and quick locate targets in scene of fire.

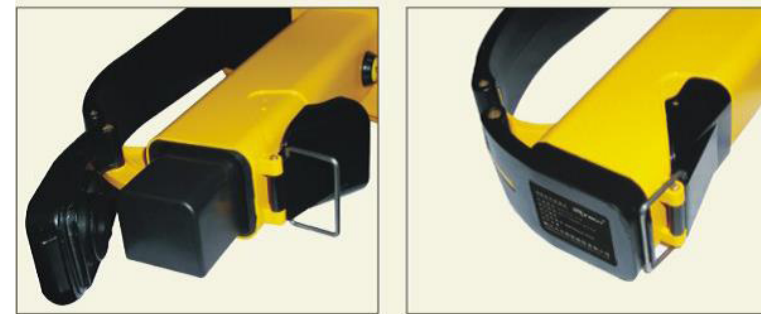
IRF2 – Perfect camara for firefighting



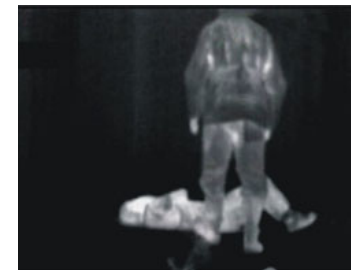
One key operation



Portable and easy to use



Comfortable battery instalation



Technical parameters

IRF2

IRF2		
Detector characteristics	Detector type	uncooled FPA microbolometer
	Array size/format	160×120
Image manage	Field of view/min focus distance	30°×22.5°
	Spatial resolutions(IFOV)	3.3mrad
	Thermal sensitivity	≤0.1°C@30°C
	Frame rate	50Hz/60Hz
	Focus	Fixed
	Detect distance	≥50m
	Spectral range	8~14μm
Image display	Startup time	Thermal image output ≤25s@30°C
	LCD	260,000 color, 3.5" TFT LCD, 640×480
Measurement	Temperature ranges	-20°C~+600°C
	Accuracy	±2°C or ±2%
	Measurement mode	Fixed spot
	Measurement correction	Fixed emissivity
	Emissivity correction	N/A
Power supply	Color palette	Palettes changeable (Include fire control, Grey and grey inverted)
	Battery type	NIMH battery, rechargeable
	Battery operating time	More than 2 hours continuous operation
	Battery recharge time	≤2 hours
	Battery recharge times	More than 500 times
Environment	Charging system	Intelligent charger
	Operating temperature	-15°C~+50°C
	Short time operating temperature	+50°C~+260°C
	Storage temperature	-40°C~+70°C
	Encapsulation	IP67 (water resistance: under 1 meter)
	Inflaming retarding grade	UL94-V0
Physical characteristics	Depreciation	1.0 m
	Weight	≤1.3 Kg
	Dimensions	190mm×128mm×273mm