

IRF2-T1 firefighting thermal imaging camera

IRF2 Thermal Camera

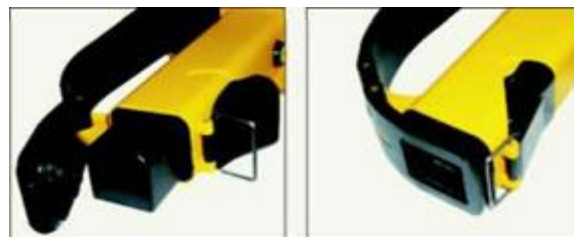


OVERVIEW

IRF2-T1 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.

MAIN FEATURES

- With temperature measurement function
- Unique fire-control color palette
- Apply to fire rescue



TECHNICAL SPECIFICATIONS

Item		IRF2-T1
Detector characteristics	Detector type	uncooled FPA microbolometer
	Array size/format	160×120
Image manage	Field of view/min focus distance	41°×31°
	Spatial resolutions(IFOV)	3.3mrad
	Thermal sensitivity	0.08°C@30°C
	Frame rate	50Hz/60Hz
	Focus	Fixed
	Detect distance	≥50m
	Spectral range	7~14μm
	Startup time	Thermal image output 20s@30°C
Image display	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
	Color palette	Palettes changeable(Include fire control, Grey and grey inverted)
Power supply	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
	Charging system	Intelligent charger
Environment	Operating temperature	-15°C~+50°C
	Short time operating temperature	-15°C~+260°C
	Storage temperature	-40°C~+70°C
	Encapsulation	IP67(water resistance:under 1 meter)
	Inflaming retarding grade	UL94-VO
	Depreciation	1.8m
Physical characteristics	Weight	≤1.3Kg
	Dimensionous	190mm×128mm×273mm