



F300-P Firefighting Thermal Camera

- with a high sensitivity 384x288 resolution infrared detector.
- Using the principle of infrared penetrating smoke, trapped people can be quickly located, rescue plans can be drawn up and carried out in a safe manner.
- It is an ergonomically designed for use with firefighters gloves and protective head gear.
- It meets fire protection standards and can be used for spot fire detection, search and rescue and fire investigations.



Ergonomic design, simple and convenient operation



IP67 protected for water rescue



Rubber coated—2 meter drop tested



Light weight and can float on water



Heat insulation design ensures normal operation in high temperature environments



Operation mode is simple and can quickly save pictures and record videos.



WiFi, 4G, electronic compass, laser Ranger Finder/Pointer



Real-time monitoring of fire scene temperature to indicate high-risk areas



Model	F300-P
Image Performance	
Resolution	384*288 @ 17 μ m
Super Resolution	Up to 768x576 pixels
Wavelength	7.5~14 μ m
Image Frame Frequency	50Hz
NETD	$\leq 0.05^{\circ}\text{C}@30^{\circ}\text{C}$
FOV	50°x37.5°
Focal Length	7mm
IFOV	2.4mrad
Zoom	1-8x
Focus	Fixed
Display	
Screen	3.5-inch LCD screen
Image Mode	Fire, overhaul, estimation, inspection, missing persons, WB, HB
Palette	12 color palettes to choose from (Iron Red, Rainbow, White Hot, Black Hot, etc.)
IR Image Format	JPEG (Infrared and Visible)
Video Format	H.264 (Infrared and visible image video recording)
Image Storage	Standard 64GB
Transfer Interfaces	Type-C, 4G& WiFi
Laser Range Finder	50m
Compass	Yes
Measurement & Analysis	
Temperature Measurement Range	-40°C~1200°C (expandable to 2000°C)
Temperature Accuracy	$\pm 2^{\circ}\text{C}$ or $\pm 2\%$ (Use the maximum value)
Temperature Measurement Mode	Full-screen maximum and minimum temperature capture, center temperature detection
Power Supply	
Battery Type	Rechargeable Lithium Ion
Battery Hours	Approximately 3.5 hours Continuous working Time
Battery Charger	Battery dock and direct USB
Environmental	
Working Temperature	Normal Operating Temperature -10°C~50°C, Specific Temperature Range: 80°C 30 minutes, 150°C 15 minutes, 260°C 5 minutes
Enclosure Rating	IP67
Vibration	BS EN 60721-3-2 Class 2M3
Shock	BS EN 60721-3-2 Class 2M3
Physical Specification	
Weight	<900g including the battery
Dimensions	123.5×273×98.5mm
Accessories	F300-P thermal imager, 2 rechargeable lithium batteries, charger, power adapter, USB cable, SD Card, Card reader, High temperature and fire resistant wrist strap, High temperature and fire resistant shoulder strap, packing list, factory inspection report, user manual, certificate, warranty card, hard carrying case.