



## TM-F300 Series

# Thermal Camera for Firefighting

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### Able to Work Under 250°C

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- IP67 waterproof, 2m drop protection, safe battery



### Measurement Accuracy of $\pm 2^{\circ}\text{C}$ or $\pm 2\%$

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- Measurement range of  $-40^{\circ}\text{C}$ ~ $+2000^{\circ}\text{C}$ , able to be used not only for fire rescue but also for fire-related detection



### Various Color Palettes for Different Scenarios

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- Extraordinary images help firefighters easily navigate through dense smoke



### Thermal Images and Video Storage Function

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- Storage 10,000+ images or videos of 16 hours long in total, with files available for playback on computers

## Technical Parameters

technical parameter	F300
<b>Infrared Parameters</b>	
Detector Resolution	384×288
Temperature Resolution	0.06°C@30°C
Spatial Resolution	2.1mrad
Display Screen	4-inch LCD screen
Detector Material	VOx
Spectral Range	7.5~14μm
Lens	44.2°x33.9°Ge lens
Depth-of-Field	0.5 m to infinity
Image Frame Rate	25Hz
<b>Measurement Parameters</b>	
Measurement Range	-40°C~150°C (Low temperature mode), 0°C~410°C (Medium temperature mode), 300°C~2,000°C (High temperature mode), Auto switch
Measurement Accuracy	±2°C or ±2% of the reading
Auto Tracking	Automatically tracking the highest temperature spot
<b>Imaging Display</b>	
Palette	10 palettes including Iron, gray, Iron inv, Gray inv
Screen Parameter	4-inch sunlight-readable screen, 320×240 resolution, LCD
<b>Infrared Video Recording</b>	
Recording Duration	4-hour continuous recording
<b>Storage</b>	
Storage Mode	32GB high-speed flash memory card (approximately more than 10,000 infrared images can be stored)
Thermal Image/Video	.jpg & H.264 video
<b>Wireless transmission</b>	
4G wireless transmission	Optional
<b>Digital Zoom</b>	
Digital Zoom	2× or 4×
<b>Power Supply System</b>	
Battery Type	Explosion-proof removable and rechargeable lithium-ion battery
Supply Voltage	DC12V
Battery Life	4 consecutive hours
<b>Physical Parameters</b>	
Weight	1.2 kg
Dimensions	300 mm (L)×131 mm (W)×128 mm (H)
Heat-Resistant Material	PPSU silicone rubber, aluminum oxide
Flame retardant grade	UL94-HB
<b>Application Environment Parameters</b>	
Operating Time in Certain Temperatures	80°C: 30 minutes;120°C: 10 minutes; 260 °C: 5 minutes
Encapsulation	IP67
Drop	2 m

■ The information is for illustration only. Images and technical specifications contained herein are subject to changes without notice.

Note: The actual weight may vary depending on the configuration, manufacturing process, and measurement method.



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