\$FLIR[®]



$\frac{\mathsf{PERSONAL TIC}}{\mathsf{FLIR K2}}$

The FLIR K2 is a rugged, reliable, and economical thermal imaging camera specially designed for firefighting applications and severe conditions. This camera displays 160×120 pixel thermal images that help firefighters gain additional situational awareness that is not possible with the naked eye. It features Multi-Spectral Dynamic Imaging (MSX[®]), an easy-to-use button, and the ability to operate in temperatures up to 500°C. The FLIR K2 Situational Awareness TIC is a small investment that pays big dividends – saving lives, protecting property, and ensuring firefighter safety.

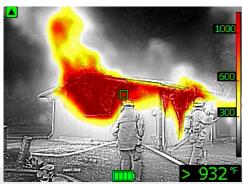
www.flir.com/K2



COMPACT, RUGGED, AND EASY TO USE

Simple, single-button glove-friendly control; straightforward operation

- Compact and lightweight enough to carry anywhere or attach to your gear
- Water resistant (IP67) and rugged enough to withstand a 2-meter drop onto concrete
- Fully operational at temperatures up to 500°F/260°C (max. 3 minutes)



MULTIPLE IMAGE MODES

Greater visibility allows fire crews to create a better plan of attack

- Set the camera to one of seven imaging modes depending upon primary use
- MSX[®] image enhancement adds edge detail to scenes, helping firefighters identify structures and surroundings
- Change image modes easily using free, downloadable FLIR Tools® software



ENHANCED SITUATIONAL AWARENESS

High-quality imaging can be standard issue for every firefighter

- Displays 160 × 120 thermal pixel resolution images on a bright 3" screen
- Increases safety in low visibility environments with crisp thermal imaging
- Affordable enough to have a Situational Awareness TIC for each rear seat

SPECIFICATIONS

Thermal imaging and optical data	
IR resolution	160 × 120 (19,200 pixels)
Refresh rate	9 Hz
Thermal sensitivity/NETD	<100 mK @ 86°F (30°C)
Field of view (FOV)	47° × 35°
Focal plane array	Uncooled microbolometer, 7.5–13 µm
Start-up time	<30 sec (IR image, no GUI)
Visual camera data	
Built-in digital camera	640 × 480 (307,200 pixels)
Field of view (FOV)	73° × 61°, adapts to IR lens
Sensitivity	Minimum 10 lux
Image presentation	
Display	320 × 240 pixel, 3 in backlit LCD
Auto-range	Auto, non-selectable
Image modes (switch in FLIR Tools®)	Basic firefighting (default); Black-and-white firefighting; Fire; Search-and-rescue; Heat detection; Cold detection; Building analysis mode
Multi Spectral Dynamic Imaging (MSX®)	Yes
Measurement	·
Object temperature range	-4°F to 302°F (-20°C to 150°C); 32°F to 932°F (0°C to 500°C)
Accuracy	±7.2°F (±4°C) or ±4% of reading for ambient temperature 50°F to 95°F (10°C to 35°C)
Spotmeters	1

lsotherm	Yes	
Automatic heat detection	Heat-detection mode (hottest 20% of scene is colorized)	
Data transfer and compatibility		
USB type	USB micro-B	
Interfaces	Update from PC devices	
Compatibility	Works with FLIR Tools software	
General		
Operating temperature range	14°F to 131°F (-10°C to 55°C) - infinity; 185°F (85°C) - 15 minutes; 302°F (150°C) - 10 minutes; 500°F (260°C) - 3 minutes	
Storage temperature range	-40°F to 158°F (-40°C to 70°C)	
Battery type and voltage	Li-ion, 3.6 V rechargeable	
Battery operating time	Approximately 4 hours at 77°F (25°C) and with typical use	
Charging time	2.5 h to 90% capacity	
Power management	Automatic shutdown and sleep mode	
Encapsulation	IP 67 (IEC 60529)	
Drop	6.6 ft (2 m)	
Weight w/ battery	1.54 lbs (0.7 kg)	
Size (L \times W \times H)	9.8 × 4.1 × 3.5 in (250 × 105 × 90 mm)	
Tripod mount	UNC 1/4"-20	
Package contents		
K2 camera, 2 batteries, battery charger, lanyard strap, power supply, printed documentation, USB cable		

VEAR VEAR VEA8 6 2> **- 10** FULL PRODUCT WARBANTY" DATTERY WARRANTY* DETECTOR WARBANTY*

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