



Key Features

- High-resolution of 640 × 480 with 95° FOV provides premium image quality and enhanced scene overview. Firefighters can cover more space at once when sweeping rooms and detect victims, doors, and hazards more efficiently.
- Seamless single-range interface ensures uninterrupted focus with a simplified live image display and minimal menu interaction.
- Integrated wireless connectivity enables streamlined configuration, live streaming, and efficient media handling for mission support and training.

Main Applications

- Engineered for frontline firefighting with rugged IP67-rated construction, 2-meter (6.6 ft) drop resistance, and outstanding high-heat performance.
- Supports training and post-incident review through intuitive media extraction and wireless streaming for real-time feedback and analysis.
- Optimized for reliable thermal visibility in low-light and smoke-obscured environments.

www.flir.com/Kxx-Series

Specifications

Model	Flir K95
Imaging and optical data	
IR resolution	640 × 480
Thermal sensitivity, NETD	<70 mK
Field of view	95° × 74°
Image frequency	30 Hz
Spectral range	7.5 to 14 μm
Pixel pitch	12 μm
Detector type	Focal plane array (FPA), uncooled microbolometer
Image representation	
Display	4" LCD, 640 × 480, backlit
Display frame rate	60 Hz
Temperature range	Single range

Model	Flir K95
Contrast optimization	Flexible Scene Enhancement (FSX®)
Image modes	Basic, Search, Detection, High Heat, White Hot
Zoom	2x digital zoom
Measurement	
Object temperature range	Single range solution operating: -20°C to 650°C (-4°F to 1202°F)
Video and images	
Storage media	Internal flash memory
Image storage formats	Standard JPEG
Media gallery	Camera and Flir Responder app

Specifications subject to change. For the most up-to-date specifications, visit flir.com.

For technical or sales support, please visit:
www.support.flir.com/kxx-series

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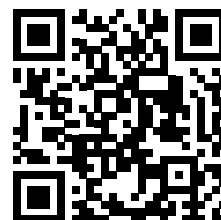
Firefighting Thermal Imaging Cameras

Specifications, cont.

Model	Flir K95
Image storage capacity	200 files in total (N.B. The total number of files varies dependent on the number of saved video clips)
Non-radiometric IR video recording	MPEG4 to internal flash memory
Non-radiometrics IR video streaming	Uncompressed colorized video using USB and MPEG-4 Stream over Wi-Fi to Flir Responder app
Data communication interfaces	
Interfaces	Update via OTA (Wi-Fi using the Flir Responder app) Legacy support for updates from PC and data transfer to and from PC
USB	USB-C
Wi-Fi	IEEE 802.11 b/g/n (2.4 GHz)
Bluetooth®	Bluetooth v. 5.0 EDR + BLE *PAN
Power system	
Battery type	Li-Ion
Battery voltage	3.6 V
Battery capacity	6.2 Ah, at 20°C to 25°C (68°F to 77°F)
Battery operating time	Approx. 4 hours @ 25°C (77°F) ambient temperature and typical use
Charging system	Desktop 2-bay charger Optional in-truck charger
Charging time	<3 h to capacity enough for 3 h operation
Charging temperature	0°C to 45°C (32°F to 113°F)
Power management	For documents like MSDS and UN38.3 test reports/summaries, see: https://support.flir.com/resources/msds
Power options	Automatic shutdown and sleep mode
Environmental data	
Operating temperature range	-20°C to 60°C (-4°F to 140°F) 150°C (302°F): 15 min 260°C (500°F): 5 min
Storage temperature range	-40°C to 85°C (-40°F to 185°F)
Humidity (operating and storage)	IEC 60068-2-30/24 h 95
Relative humidity	95% relative humidity 25°C to 40°C (77°F to 104°F) non-condensing

Model	Flir K95
EMC	EN 301 489-1 RED EN 301 489-17 EN 55032 Class B (Emission) EN 55035 (Immunity) EN 61000-6-2 Immunity according to Industrial EN 61000-6-3 380-480MHz EN 61000-6-3 800-960MHz EN 60945 Maritime equipment FCC 47 CFR part 15 B, class B (Emission) ICES-003
Magnetic fields	EN 61 000-4-8, Test level 5 for continuous field (severe industrial environment)
Radio spectrum	ETSI EN 300 328 ETSI EN 301 893 FCC 47 CFR part 15 RSS-247
Encapsulation	IP67 (IEC 60529)
Shock	25 g (IEC 60068-2-27)
Vibration	2 g (IEC 60068-2-6)
Drop	2 m (6.6 ft) on concrete floor (IEC 60068-2-31)
Safety (power supply)	CE/EN/UL/CSA/PSE 60950-1 IEC 62368
Physical data	
What's included?	Infrared camera Battery (2 ea.) Battery charger Carabiner strap Power supply Printed documentation Retractable lanyard, 16 N (58 oz) USB cable
Ordering information	
P/N	18706-0601

Scan below to learn more
about Flir Kxx-Series



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