**Next-Generation Flir K-Series Thermal Cameras Help Firefighters Take Control of all Mission Steps, from Call to Clean-Up**

*Flir K75 and K85 Thermal Imaging Cameras for Firefighting Deliver Mission-Critical Reliability Without System Delay but with instant colorization*

**September 24th, 2025** – Flir, a Teledyne Technologies company, today launched its next-generation K-Series thermal cameras for best-in-class imaging before, during, and after firefighting. New single-range dynamic gain and higher resolutions support faster and better decision-making, while the introduction of integral wireless connectivity provides seamless configuration, live streaming, training, media downloads, and camera management.

With the K75 and K85, users can transition to a new era of firefighting professionalism. A high resolution of up to 640 × 480 provides premium thermal imaging quality for precise target identification and enhanced situational awareness from first alarm to clean-up and post-event review. Moreover, the newly introduced single-range interface ensures uninterrupted focus with a simplified live image display and minimal menu interaction to avoid missing critical information.

The three-button K75 (320 × 240) will replace both the single-button K33 and three-button K45 (240 × 180), while the three-button K85 (640 × 480) will supersede the single-button K53 and three-button K55 (320 × 240).

**Trusted Performance**

Based on a proven legacy of K-Series quality and performance, users can benefit from greater situational and tactical awareness, supported by ergonomic, intuitive ease-of-use. Offering full connectivity, the next-generation cameras retain the familiar and preferred pistol-grip design.

“The K75 and K85 are engineered for frontline firefighting with their rugged IP67-rated construction, 2-meter drop resistance, and outstanding high-heat performance,” said Peter Dekkers, Director of Business Development, Flir. “Our engineers have optimized these next-generation cameras for reliable thermal visibility in low-light, no-light and smoke-obscured environments, benefitting not just fire departments, both those in industrial safety, maritime safety and defence. Users will discover that quality is set to the highest professional standards, backed by over 10 years of proven design with previous-generation K-Series sensors.”

**End-to-End Capabilities**

With their new application-centric modes, the Flir K75 and K85 give full attention to every phase of the firefighting operation, enhancing crew readiness via pre-mission planning and post-mission insights.

* Preparation: The Flir Responder app features new wireless configuration and streaming to ensure firefighters are set for the mission ahead.
* Scene arrival: The new search mode is a valuable tactical addition that helps crews to locate fire and detect lower temperatures during scene size-up. With colorization from 80-200°C (175-400°F), better contrasting supports the faster identification of fire sources.
* Fire attack: A new single range provides seamless operation from -20 to 650°C (-4 to 1202°F). With no low-gain and high-gain modes, users do not have to switch between the two, avoiding any potential to miss crucial information or endure image freezing due to range change.
* Overhaul ~~Scene departure~~: A new detection mode highlights significantly hotter areas in a red gradient. Featuring hot and cold spot tracking/monitoring over time, this mode is useful for post-fire analysis. Regarding clean-up, the K75 and K85 feature fewer sharp edges where dust and soot can stick.
* Back at the station: Users of the Flir Responder App can take advantage of new wireless media downloads and training.

Other firefighting modes include: basic mode offering colorization from 150 to 650°C (300 to 1200°F) for smoke diving, initial fire attacks, and fire control; high-heat mode providing colorization from 250 to 650°C (500 to 1200°F) for offensive firefighting operations that need later colorization; and white-hot mode with heat convection visibility for training, high-heat environments, and colorblind users.

Both the K75 and K85 offer sensitivity (NETD) of <60 mK @ 30°C (86°F) over the entire range, supported by 53° × 40° field of view and 30 Hz image frequency. The cameras come complete with two batteries, charger, power supply, USB cable, carabiner strap, and retractable lanyard. An in-vehicle charger and hard transport case are optionally available.

To learn more about the K75 and K85 please visit:  <https://www.flir.com/kxx-series>   
  
 YouTube: <https://www.youtube.com/watch?v=vKhWEj7CcjI>

**ABOUT FLIR, A TELEDYNE TECHNOLOGIES COMPANY**

Flir, a Teledyne Technologies company, is a world leader in intelligent sensing solutions for industrial applications with thousands of employees worldwide. Founded in 1978, the company creates advanced technologies to help professionals make better, faster decisions that save lives and livelihoods. For more information, please visit [www.flir.com](http://www.flir.com) or follow @flir.