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# **FLIR Systems Announces Artificial Intelligence Traffic Cameras for Predictive Traffic Management**

*New FLIR ThermiCam AI and TrafiCam AI with Artificial Intelligence at the Edge Optimizes Traffic Flow for Improved Roadway Efficiency and Safety*

**ARLINGTON, Va., November 9, 2020** – FLIR Systems, Inc. today announced two intelligent traffic system cameras, the FLIR ThermiCam™ AI\* with thermal imaging and the FLIR TrafiCam™ AI visible camera, both with artificial intelligence (AI) to optimize traffic flow on roadways and at intersections. When combined with the FLIR Acyclica™ cloud platform, cities can apply the AI-camera data to predict traffic, prevent congestion and potential accidents, and create safer roads for drivers, cyclists, and pedestrians 24 hours a day.

“FLIR traffic systems are currently installed in 75 countries, and with the addition of ThermiCam AI and TrafiCam AI, FLIR now offers a fully integrated solution that enables traffic engineers and city planners to apply AI-based learnings to continuously optimize traffic flow,” said Rickard Lindvall, General Manager, Solutions Business, FLIR Systems. “The integrated solution enables cities to improve urban roadway design to make cities safer and more livable.”

The AI-enabled cameras help control traffic dynamically at the edge through real-time data capture and processing, and provide input to traffic signal controllers at intersections, which improves traffic flow and safety in the moment. With the ability to capture heat energy data through a thermal sensor within the ThermiCam AI, and a visible low-light, high-definition sensor within the TrafiCam AI, cities’ traffic signals have complete continuous monitoring, in all weather conditions and even through smoke for tunnel monitoring. The cameras are also Wi-Fi enabled for travel time calculations and other origin-destination applications. In the future, the cameras can be retrofitted with 5G cellular antennas to support vehicle-to-everything (V2X) connectivity, which will further improve road safety.

The FLIR Acyclica cloud platform provides the tools and analytics needed to better understand traffic data. When ThermiCam AI and TrafiCam AI are paired with the Acyclicacloud platform, cities can apply their AI-based learnings to real time data to make predictive traffic pattern changes for more efficient and safer cities.

The new AI traffic cameras are available globally in the first quarter of 2021. To learn more about FLIR ThermiCam AI and TrafiCam AI, visit [www.flir.com/thermicam-ai](http://www.flir.com/thermicam-ai) and [www.flir.com/traficam-ai](http://www.flir.com/traficam-ai). For more information about FLIR traffic solutions, visit [www.flir.com/traffic/](http://www.flir.com/traffic/).

*\*The ThermiCam AI camera is sold as the TrafiSense*™ *AI camera in the United States and Canada. To learn more visit* [*www.flir.com/trafisense-ai*](http://www.flir.com/trafisense-ai)*.*

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***About FLIR Systems, Inc****.
Founded in 1978, FLIR Systems is a world-leading industrial technology company focused on intelligent sensing solutions for defense and industrial applications. FLIR Systems’ vision is to be “The World’s Sixth Sense, creating technologies to help professionals make more informed decisions that save lives and livelihoods. For more information, please visit* [*www.flir.com*](https://www.flir.com/) *and follow* [*@flir.*](https://twitter.com/flir?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor)

**Media Relations:**

Eleana Stayer

Phone: +44 7545 204375

Email: eleana.stayer@flir.com

**Investor Relations:**

Lasse Glassen
Addo Investor Relations

Phone: 424-238-6249

Email: lglassen@addoir.com