

FLIR ITS-Series Dual AID 316L

Intelligent Dual vision camera for Automatic Incident & Fire detection

FLIR ITS-Series Dual AID cameras combine best-in-class thermal and visual imaging technology with advanced video analytics to provide a complete solution for automatic incident detection, data collection and early fire detection. FLIR's traffic video analytics have proven their effectiveness worldwide along highways and in tunnels and are now combined with the power of thermal imaging that allows traffic operators to see clearly in total darkness, in bad weather and over a long range.

DAYLIGHT CAMERA

All versions are equipped with a daylight/low light camera with a motorized optical zoom. The video output of the thermal imaging and daylight/low light camera are simultaneously available.

AUTOMATIC INCIDENT DETECTION

The FLIR ITS-Series Dual AID camera provides critical traffic information, supporting traffic operators with alerts on stopped vehicles, wrong-way drivers, pedestrians, lost cargo, traffic flow data and much more.

THERMAL IMAGING

Thermal imaging cameras outperform other camera technologies by detecting the heat energy given off by everything in their field of view. Because they see heat, not visible light, they don't get confused by sun glare, darkness, headlights, shadows, wet streets, snow and fog, like conventional video cameras do. FLIR thermal cameras do not get damaged at all by looking continuously in direct sun light.

THERMAL EARLY FIRE DETECTION

The FLIR ITS-Series Dual AID can measure the temperature of any object in its field of view. This unique capability allows detecting fires at an early stage over the full detection range. Unlike other fire detection technologies, no contact is required with flames or heated gasses, nor is any smoke propagation needed for the camera to detect excessive heat generated by fire or another vehicle malfunction. As a result, the thermal camera is capable of detecting fires within seconds of ignition, long before any traditional fire detection system can trigger an alarm. The intelligent fire detection algorithm takes into account multiple parameters, including size, dynamics, growth rate, movement, etc..., resulting in unprecedented fire detection accuracy.

SEE THROUGH SMOKE

Thermal cameras can penetrate smoke and as such provide a better view in case of fire. This enhanced visibility can help guide emergency personnel to locate people inside the tunnel and save lives in critical situations.

DESIGNED FOR USE IN HARSH ENVIRONMENTS

Extremely rugged in 316L stainless steel housing. The vital core is well protected, meeting IP66 & IP67 requirements, against dust, water ingress and immersion.







Specifications

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Resolution G40 x 490 9/13/19/25mm 1/13/25mm	,,	
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		Housing only: 71 x 130 x300 mm
·	Weight	4kg
	Cable glands	2xM20 or IP67 network and power connector

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