

Flir iXX-Series



REVOLUTIONIZING THERMAL INSPECTIONS WITH APP-DRIVEN INTELLIGENCE



60%

60% of maintenance teams report a shortage of skilled thermographers. iXX enables non-experts to perform inspections using intuitive, app-guided workflows.



43%

43% of cyberattacks target manufacturing and critical infrastructure.

iXX is backed by Flir's ISO 27001 certification, ensuring secure data handling.

Up to 50%



Reporting takes up to 50% of technicians' time using traditional workflows.

iXX enables automated report generation, asset linkage, and data dashboards—accelerating and enhancing maintenance workflows.

What is Flir iXX?

Flir iXX series is the next-generation thermal inspection camera that will transform how inspections are performed.

Built on Flir's new ACE operating system, the iXX combines the power of apps with a high performance thermography inspection tool, enabling scalable, intuitive and connected asset condition monitoring.

Traditional thermal inspections are often complex, inconsistent, and disconnected—requiring expert users, producing unreliable data, and lacking real-time collaboration. Scaling traditional thermography programs can be difficult, yet failing to do so results in safety and productivity related costs. Flir iXX solves these challenges with a high-quality, app-driven platform that simplifies inspections, standardizes data, and scales effortlessly across teams and sites.



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Flir iXX comes with everything you need to get started, and provides an onboarding app to help ensure your successful adoption.



Apps solve documentation, communication, and decision pains.



iXX incorporates innovative hardware features you have come to expect from Flir including worklight, laser, 8 MP visual camera and a large, high resolution touchscreen.

Key values

Simplify and speed up workflows

Flir & 3rd party apps simplify inspections and improve workflow for increased productivity. Apps reduce the steps and time between data gathering and consumption, and let you work the way that makes the most sense for your organization.

Support inexperienced users

Apps reduce the learning curve, provide safety information, onboarding training, and permit remote support, enabling less experienced users to perform expert-level inspections.

Solve documentation, communications, and decision pains

There's an app for that! Solve specific documentation, communication and decision pains with apps by Flir, 3rd party developers, and internal private developers.

Key applications

Manufacturing & Facilities Maintenance

Electrical inspections and mechanical PdM at manufacturing & production plants, data centers, industrial/commercial facilities and electrical utilities

Building Diagnostics

Electrical systems monitoring, HVAC systems diagnostics, restoration and home inspections



Scan the code or visit flir.com/iXX

What can iXX do for you?

Communicate clearly in the field: Send and receive messages, emails, and even video calls directly from the device to stay connected with your team.

Streamline reporting and data sharing: Automatically link thermal images and sensor data to specific assets in your system for easy trend tracking, dashboard creation, and CMMS integration.

Cut reporting time to zero: With connected workflows, reporting time drops from up to 50% of the job to none—so you can focus on inspections, not paperwork.

Generate instant work orders: Create work orders with one click in the field to reduce Mean Time to Repair (MTTR) and boost plant uptime, safety, and efficiency.

Enable smarter decisions, faster: Use diagnostic apps that help even junior techs accurately assess asset condition—no deep training required.

Strengthen cybersecurity on the go: Run enterprise security apps on-device to ensure compliance and protect data behind your company's firewall.

Unify multi-sensor insights: Combine data from thermal, acoustic, moisture, or other sensors for a richer, clearer picture of asset health.

Flir iXX-Series

Up to 480 × 640 wide field of view

40 mK NETD thermal resolution

Accuracy: $\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$) or $\pm 2\%$

5 in. 720 × 1280 color LCD

2 m (6ft 7 in) drop tested / IP54 rated

