

US Infrared Thermography Market Research Report Forecast to 2032

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Report description:

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Market Overview

As per MRFR, the US Infrared Thermography market generated a revenue of USD 1,257.6 million in 2022 and is expected to reach a market value of USD 2,532.3 million by 2032 growing at a CAGR of 9.7%. Infrared (IR) thermography, which includes determining the surface temperature of an object using an IR camera, is a contactless and non-destructive imaging technology. Infrared thermography is the method of detecting radiation (heat) from an item, converting it to temperature, and showing an image of the temperature distribution using a thermal imager. Thermograms are images of the detected temperature distribution that allow users to see heat-producing things that are otherwise invisible to the human eye.

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Market Segmentation

The US Infrared Thermography market has been segmented based on product offerings, product type, wavelength, application, and end use industry. Based on product offerings, the US market has been segmented into Infrared (IR) Infrared thermography Cameras, Infrared (IR) Scanner Systems, Infrared (IR) Thermal Scopes, and Infrared (IR) Thermal Modules. By product type, the US Infrared Thermography market has been segmented into Fixed, Handheld, and Unmanned.

By application, the Infrared Thermography market is segmented into Predictive Maintenance, Machine Condition Monitoring, Chemical Imaging, Building Inspection, Electrical System Monitoring, Fluid System Monitoring, Law enforcement and security imaging, medical imaging, and Others.

By end use industry, the Infrared Thermography market is segmented into Military & Defense, Construction, Manufacturing, Electrical and Electronics, Healthcare, Chemical, Aerospace, and Others.

Major Players

The major players that contributed the growth of the US Infrared Thermography market include Teledyne Flir LLC, Fluke Corporation, Axis Communications AB, SKF, Jenoptik AG, Keysight Technologies, Marshall Industrial Technologies, TUV SUD, Lippolis Electric Inc., Advanced Energy Industries Inc., Seek Thermal, Infrared Cameras Inc., Allied Vision Technologies GmbH, Xenics USA Inc., Zistos Corporation, and many others.

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