

Global Cooled Infrared Imaging Market anticipated to grow at a CAGR of 8.45% to reach revenue of \$9205.71 million by 2023

America reportedly generated revenue of \$2204.2 million for the year 2017, and is expected to grow at a CAGR of 4.32%

HYDERABAD, TELANGANA, INDIA, June 27, 2018 /EINPresswire.com/ -- In the Report "Cooled Infrared Imaging Market: By Spectrum Ranges (Short, Mid, Long, Far Wave IR); By Focal Plane Arrays (Indium Antimonide (InSb) FPAs, Others); By Industry Verticals (Industrial, Medical, Commercial, Others); By Geography - (2018-2023)" published by [IndustryARC](http://IndustryARC.com), the market is driven by the demand for low-priced, high resolution thermal imaging systems that are more affordable and practical, which is driving manufacturers to introduce new innovations into their products to stand out from their competitors.



Presently America dominates and APAC foreseento lead in the Cooled Infrared Imaging Market

Going on to data, America reportedly generated revenue of \$2204.2 million for the year 2017, and is expected to grow at a CAGR of 4.32%, amounting to revenue of \$2882.82million by 2023, because of growing use of IR imaging technology in thermal camera sensor of conveyor systems, couplings, insulation integrity, hydraulic systems, piping systems, process equipment air transport systems, HVAC heating and cooling airs, etc. There are several technological advancements going on in America, and due to the growing demand, various developments are taking place in IR imagers, carried outby the leading manufacturers of infrared camera in America. Asia Pacific and Europe generated revenues of \$1745.65million and\$1306.05million, respectively, for 2017.The growing demand for advancements in security equipment in various other sectors will help the market to grow at a higher growth rate of 13.97% and 9.17%, and revenues amounting to \$3655.65 million and \$2190.23million, respectively by 2023.

Selected Spectrum Range Analysis done in the full Report:

IR imaging market is the fastest and largest growing market, in terms of shipment and technology. The overall market is expected to increaseas the demand for consumer electronics applications is slated to be high in the coming years. The value of short wave IR market value is estimated to be \$ 392.52 million by 2023, with a growing CAGR of 7.84%, this is mainly due to low cost and wide application range. Also, with the entry of new products with advanced technologies and developments, these products are finding wide range of application in various areas. The value of mid wave IR market is expected to grow fast, which is due to new launches and technical developments. Zafiro640 introduced by DRS technologies has significant competitive edge in the market space.

To browse the table of contents of the report follow the link below:

<https://industryarc.com/Report/32/global-cooled-infrared-imaging-market-analysis-report.html>

Excerpts on Market Growth Factors

The advances in technology have led to the production of cost-effective innovations in the market that are more useful and affordable to a wide customer base. The significant amount each company is spending to improve its product portfolio will significantly drive the use of IR imaging cameras across various industries, as new features like motion detection and cloud-based video solutions like Axis Video Hosting System (AVHS), are being added to existing products.

The technological innovations are resulting in the reduction of size and cost of the end product as the product methods are evolving continuously. Specifically, adoption of low-cost imager and optic technologies, and the shift to high volume manufacturing are a few changes that are expected to bring down the manufacturing cost. The newer IR cameras are highly integrated, compact and cost-effective, and this will drive the market significantly.

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Key players of the Cooled Infrared Imaging Market

Top companies that hold major market share are FLIR Systems, Testo AG, Fluke, NEC Avio, Wuhuan Guide Infrared Co., Ltd, and others. FLIR Systems is the top company with a highest figure of market share, followed by Testo AG. The research says FLIR will remain the market leader for thermographic camera applications during the forecast period. The top companies in vision enhancement, are Axis Communications AB, Samsung Techwin, Pelco and Bosch Security Systems. In camera systems in the security arena, Axis Communications AB is expected to perform better in the future and capture a larger market share.

Cooled Infrared Imaging Market report is segmented as below

A. Cooled IR Imaging Market by Spectrum Ranges

1. Short Wave IR (SWIR)
2. Mid Wave IR (MWIR)
3. Long Wave (LWIR)
4. Far Wave (FWIR)

B. Cooled Infrared Imaging Market by Focal Plane Arrays (FPAs)

1. Mercury Cadmium Telluride (HgCdTe) FPAs
2. Indium Antimonide (InSb) FPAs
3. Lead Sulfide and Lead Selenide (PbS and PbSe) FPAs
4. QWIPs (Quantum Well Infrared Photodetectors) FPAs
5. nBn Detectors FPAs
6. Extrinsic Silicon (Si:X) FPAs
7. T2SL (Type II Superlattice) FPAs
8. Others

C. Cooled IR Imaging Market by Industry Verticals

1. Industrial
2. Commercial
3. Medical

- 4. Automotive
- 5. Defense

- D. Cooled Infrared Imaging Market by Geography (covers 10+ countries)
- E. Cooled Infrared Imaging Entropy Market

Companies Cited / Interviewed

- 1. Apc
- 2. Axis Communications Ab
- 3. Current Sales Corporation (Dba Current Corporation)
- 4. Zhejiang Dali Technology Co Ltd.
- 5. Drs Technologies, Inc.
- 6. E.D. Bullard Company
- 7. Flir Systems, Inc
- 8. Fluke Corporation
- 9. General Dynamics Corporation
- 10. Guangzhou Sat Infrared Technology Co., Ltd
- 11. Infrared Integrated Systems Ltd (Irisys)
- 12. L-3 Communications Holdings, Inc.
- 13. Necavio Infrared Technologies
- 14. Pelco Inc.
- 15. Qioptiq Ltd.
- 16. Raytheon Company
- 17. Robert Bosch GmbH
- 18. Safran S.A.
- 19. Samsung Techwin
- 20. Company 30+

Related Report:

A. Near Infrared Imaging Market

<https://industryarc.com/Report/16072/near-infrared-imaging-market.html>

B. Infrared Imaging Market

<https://industryarc.com/Report/15727/infrared-imaging-market.html>

What can you expect from the report?

The Cooled Infrared Imaging Market Report is Prepared with the Main Agenda to Cover the following 20 points:

- 1. Market Size by Product Categories & Application
- 2. Market trends & Relevant Market Data
- 3. Manufacturer Landscape
- 4. Distributor Landscape
- 5. Pricing Analysis
- 6. Top 10 End user Analysis
- 7. Product Benchmarking
- 8. Product Developments
- 9. Mergers & Acquisition Analysis
- 10. Demand Analysis (Revenue & Volume)
- 11. Country level Analysis
- 12. Competitor Analysis
- 13. Market Shares Analysis
- 14. Value Chain Analysis
- 15. Supply Chain Analysis
- 16. Strategic Analysis
- 17. Current & Future Market Landscape Analysis
- 18. Opportunity Analysis
- 19.

10. Patent Analysis 20. Revenue and Volume Analysis

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