+357 96 030922
info@marketpublishers.com

Global Endoscope CMOS Image Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/G12029B9CC91EN.html
Date: September 2026
Pages: 112
Price: US$ 3,480.00 (Single User License)
ID: G12029B9CC91EN

Abstracts

According to our (Global Info Research) latest study, the global Endoscope CMOS Image Sensor market size was valued at US$ 500 million in 2025 and is forecast to a readjusted size of US$ 944 million by 2032 with a CAGR of 9.4% during review period.

Endoscope CMOS Image Sensor refers to a miniature solid-state imaging device designed for image acquisition inside body cavities, organs, minimally invasive surgical fields, catheters, and other confined medical environments. The product converts visible, near-infrared, or fluorescence light into digital image signals through an integrated pixel array, analog front end, timing circuitry, analog-to-digital conversion, and data-output interface. The study focuses on sensor dies, packaged CMOS image sensors, wafer-level camera devices, chip-on-tip sensor assemblies, and sensor-led miniature cabled modules in which the imaging chip, optics, packaging, and transmission components are closely integrated. Main technical architectures include front-side and backside illumination, rolling-shutter readout, compact chip-scale packaging, wafer-level optics, low-power signal transmission, and application-specific image processing. Key specifications include active resolution, pixel size, optical format, package dimensions, sensitivity, signal-to-noise ratio, dynamic range, frame rate, power consumption, thermal performance, output interface, and spectral response. Endoscope CMOS Image Sensors are primarily used in flexible and rigid endoscopes, capsule endoscopes, ultrathin catheter and needle imaging devices, single-use endoscopes, reusable surgical systems, and robotic or stereo visualization platforms.

Key Findings

+357 96 030922
info@marketpublishers.com

2025 equivalent global shipments reached approximately 22.4 million units

The weighted average selling price was approximately US$21.7 per unit

Single-use endoscopy is the principal volume-growth application across the current product portfolio

Twelve parent companies comprise the verified global Core Formal List

Market Trends

Endoscope CMOS Image Sensor development is moving simultaneously toward smaller distal-tip dimensions, higher resolution, lower power consumption, greater optical integration, and more application-specific imaging. Ultra-miniature products continue to support submillimeter and small-diameter endoscope designs, while two-megapixel and higher-resolution sensors are being introduced for gastrointestinal, surgical, reusable, and premium single-use systems. Backside-illuminated pixels, chip-scale packaging, wafer-level optics, integrated cables, and compact image-signal-processing architectures are reducing the size and engineering complexity of distal camera assemblies. At the higher end of the market, product development is expanding beyond conventional visible-light imaging toward near-infrared fluorescence, multispectral imaging, stereo vision, and low-latency visualization for robot-guided surgery. The market is therefore developing along two parallel paths: cost-optimized standard platforms for high-volume disposable devices and differentiated, higher-value sensors for advanced reusable and surgical systems. Recent dedicated-product introductions by Chinese suppliers also indicate that medical endoscopy is evolving from a supply base dominated by established international vendors toward a broader, more regionally diversified sensor ecosystem.

Market Dynamics

Drivers

Market demand is supported by the continuing adoption of minimally invasive procedures, the shift from fiber-based image transmission toward distal electronic imaging, and the expansion of single-use endoscopes in applications where infection control, workflow efficiency, and reduced reprocessing requirements are important.

+357 96 030922
info@marketpublishers.com

Sensor miniaturization allows manufacturers to reduce insertion-tube diameter or increase the size of the working channel, while higher sensitivity and resolution improve visualization in low-light anatomical environments. The introduction of integrated sensor, optics, cable, and image-processing solutions also shortens product-development cycles for endoscope manufacturers and lowers the engineering barrier for new device platforms.

Restraints

The market is constrained by long medical-device qualification cycles, demanding image-quality validation, strict reliability requirements, and limited transparency regarding application-specific shipment and pricing data. Small-volume custom projects may carry high development costs, while high-volume disposable applications face continuous pressure to reduce sensor and module prices. Miniature packaging, optical alignment, thermal management, cable integrity, sterilization compatibility, and stable low-light performance can increase engineering and manufacturing complexity. Once a sensor is incorporated into a regulated device platform, changing suppliers may require hardware, software, optical, clinical, and regulatory revalidation, which slows substitution despite creating strong supplier retention.

Opportunities

The most attractive opportunities are associated with single-use flexible endoscopes, ultrathin catheter visualization, capsule imaging, robotic surgery, stereo endoscopy, and fluorescence-assisted procedures. Sensor suppliers can capture additional value by moving beyond standalone chips toward wafer-level optical devices, preassembled chip-on-tip modules, thin cable solutions, reference designs, and compatible image-signal processors. Further opportunities exist in sensors that combine small package dimensions with higher resolution, wider dynamic range, improved near-infrared response, lower distal-tip heat generation, and simplified system integration. Emerging Asian suppliers also have an opportunity to support local endoscope manufacturers seeking shorter supply chains, alternative sourcing, and lower-cost medical-grade imaging components.

Challenges

Long-term challenges include balancing medical-grade image quality with disposable-

+357 96 030922
info@marketpublishers.com

device cost targets, maintaining product consistency across outsourced wafer fabrication and packaging networks, and achieving sufficient production scale without compromising traceability or qualification discipline. The absence of fully standardized sensor interfaces, module dimensions, optical configurations, and image-processing requirements limits interchangeability between endoscope platforms. New entrants must also overcome established suppliers' design-in relationships, reference designs, image-tuning experience, and accumulated reliability data. Portfolio restructuring and ownership changes within the specialist sensor sector may create temporary uncertainty concerning product road maps, engineering support, and long-term supply commitments; as of the latest official reporting, the announced transfer of the ams OSRAM CMOS image sensor business to indie Semiconductor remained pending.

Industry Chain Analysis

The upstream portion of the Endoscope CMOS Image Sensor industry includes CMOS imaging process development, silicon wafers, wafer fabrication, backside-illumination processing, color filters, microlenses, wafer-level optics, specialty packaging materials, microcables, and semiconductor assembly and testing. Many specialist suppliers operate under a fabless or hybrid model, retaining ownership of pixel architecture, sensor design, firmware, and product qualification while relying on external foundries and packaging partners. IDM suppliers maintain greater direct control over selected fabrication processes, but they still interact with external optical, cable, packaging, and medical-device manufacturing partners.

The midstream value chain covers sensor design, wafer and package qualification, optical integration, chip-on-tip assembly, cable attachment, image tuning, interface development, testing, and medical customer support. Downstream value creation occurs when these components are integrated into reusable or single-use endoscopes, catheter systems, capsule platforms, surgical visualization equipment, and robotic systems. The principal cost components include engineering and mask expenditure, wafer processing, yield-sensitive miniature packaging, optical alignment, cable assembly, testing, and customer qualification. Proprietary sensor design, custom engineering, medical reliability data, and tightly integrated miniature modules generally support higher value capture, while standardized lower-resolution products face greater price competition as volumes increase.

Segment Insights

+357 96 030922
info@marketpublishers.com

By product type, packaged CMOS sensors remain the core commercial form for manufacturers with established optical and electronic integration capabilities, while wafer-level camera devices and cabled chip-on-tip modules are gaining strategic importance in smaller and single-use endoscopes. Integrated products command higher unit value because they combine imaging, optical alignment, packaging, and transmission functions, but their reported pricing is less directly comparable with standalone sensor prices. Full-custom and semi-custom sensors represent a smaller volume segment, yet they can generate attractive project economics through engineering fees, specialized performance, and long product lifecycles.

By application, single-use flexible endoscopy contributes the largest incremental unit demand, whereas reusable surgical and premium endoscopy systems retain a higher average sensor value. Low-resolution and sub-megapixel sensors remain important in ultrathin probes and cost-sensitive devices, while one-megapixel, two-megapixel, and higher-resolution products are expanding in applications requiring better tissue visualization and larger display formats. Visible-light color imaging continues to account for the mainstream product base, but near-infrared fluorescence, stereo, and specialized imaging represent higher-value development directions. The fastest product innovation is occurring where miniature package size, higher resolution, low power, integrated optics, and simplified cable transmission can be delivered together.

Downstream Market Opportunities

Downstream opportunities are strongest where improved visualization can expand minimally invasive diagnosis or treatment without materially increasing insertion diameter, heat generation, or system complexity. Single-use bronchoscopes, ureteroscopes, ENT scopes, and other flexible devices offer recurring sensor demand, while capsule endoscopy and catheter-based imaging create opportunities for ultra-low-power and extremely small devices. Surgical and robotic platforms offer lower unit volumes but higher requirements for image quality, synchronization, dynamic range, fluorescence response, and long-term reliability. Suppliers able to provide validated reference designs and preintegrated optical or cable assemblies may benefit as emerging medical-device companies seek to shorten development and regulatory preparation cycles.

Regional Insights

+357 96 030922
info@marketpublishers.com

In supply terms, Asia has the broadest manufacturing footprint, combining Japanese high-end image-sensor expertise, Taiwan-based wafer fabrication and packaging resources, mainland Chinese sensor design and product development, and Southeast Asian module assembly capacity. Japan remains influential in high-image-quality and reusable medical systems, while mainland China is the most active source of newly introduced dedicated endoscopy sensors. The Chinese supplier base is still earlier in customer qualification and commercial ramp-up than established international competitors, but it is increasing alternative sourcing options for Asian endoscope manufacturers.

North America and Europe retain strong positions in custom CMOS design, medical imaging engineering, chip-on-tip technology, miniature optics, and high-value project support. These regions are particularly relevant to specialized surgical, robotic, fluorescence, and low-volume custom applications. South Korea and Taiwan possess substantial general CMOS image sensor capabilities, although the number of companies with publicly verified dedicated endoscope products remains limited. Southeast Asia primarily participates through packaging, cable, component, and module manufacturing rather than through independent merchant sensor brands.

Competitive Landscape Analysis

The competitive landscape is concentrated among a small number of established sensor platforms but remains fragmented in custom and specialty segments. Sony Group Corporation and OmniVision Integrated Circuits Group, Inc. have broad commercial relevance through dedicated medical image-sensor portfolios, established design-in positions, and the ability to support multiple endoscope formats. Teledyne Technologies Incorporated, AMETEK, Inc., and ams-OSRAM AG compete through custom engineering, chip-on-tip expertise, and ultra-miniature camera products, while STMicroelectronics and Himax Technologies participate through broader CMOS sensor platforms with verified medical or endoscopy applications. Gpixel Changchun Microelectronics Inc., SmartSens Technology (Shanghai) Co., Ltd., Brigates Microelectronics Co., Ltd., and Pixelplus Co., Ltd. expand the competitive field with dedicated or medically positioned products, although their commercial scale and medical qualification maturity differ. Caeleste CV remains relevant in specialized custom design. Competition is based less on corporate semiconductor revenue alone than on sensor size, low-light performance, optical and cable integration, medical qualification experience, customer support, and continuity of supply. The verified Core Formal List contains 12 parent companies after consolidating subsidiaries and business brands

+357 96 030922
info@marketpublishers.com

under their controlling groups, reflecting a market with a concentrated standard-product tier and a broader specialist-development tier.

Report Scope

This report is a detailed and comprehensive analysis for global Endoscope CMOS Image Sensor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Endoscope CMOS Image Sensor market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Endoscope CMOS Image Sensor market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Endoscope CMOS Image Sensor market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Endoscope CMOS Image Sensor market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Endoscope CMOS Image Sensor

+357 96 030922
info@marketpublishers.com

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Endoscope CMOS Image Sensor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sony Group Corporation, OmniVision Integrated Circuits Group, Inc., Teledyne Technologies Incorporated, AMETEK, Inc., ams-OSRAM AG, STMicroelectronics N.V., SmartSens Technology (Shanghai) Co., Ltd., Himax Technologies, Inc., Gpixel Changchun Microelectronics Inc., Pixelplus Co., Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Endoscope CMOS Image Sensor market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market Segmentation

Market segment by Type

Packaged CMOS Image Sensor

Wafer-Level Camera Device

Chip-on-Tip Sensor Module

Cabled Camera Module

Other

+357 96 030922
info@marketpublishers.com

Market segment by Active Resolution

Up to 0.1 Megapixel

Above 0.1 to 0.5 Megapixel

Above 0.5 to 1 Megapixel

Above 1 to 2 Megapixels

Above 2 Megapixels

Market segment by Imaging Mode

Visible-Light Color Imaging

Near-Infrared Imaging

Fluorescence Imaging

Other Imaging Modes

Market segment by Usage Model

Single-Use

Reusable

Market segment by Application

Flexible Endoscopy

Rigid Endoscopy

Capsule Endoscopy

+357 96 030922
info@marketpublishers.com

Catheter and Needle Endoscopy

Other

Major players covered

Sony Group Corporation

OmniVision Integrated Circuits Group, Inc.

Teledyne Technologies Incorporated

AMETEK, Inc.

ams-OSRAM AG

STMicroelectronics N.V.

SmartSens Technology (Shanghai) Co., Ltd.

Himax Technologies, Inc.

Gpixel Changchun Microelectronics Inc.

Pixelplus Co., Ltd.

Brigates Microelectronics Co., Ltd.

Caeleste CV

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

+357 96 030922
info@marketpublishers.com

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

Chapter Outline

Chapter 1, to describe Endoscope CMOS Image Sensor product scope, market overview, market estimation caveats and base year.
Chapter 2, to profile the top manufacturers of Endoscope CMOS Image Sensor, with price, sales quantity, revenue, and global market share of Endoscope CMOS Image Sensor from 2021 to 2026.
Chapter 3, the Endoscope CMOS Image Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.
Chapter 4, the Endoscope CMOS Image Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.
Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.
Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Endoscope CMOS Image Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.
Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.
Chapter 13, the key raw materials and key suppliers, and industry chain of Endoscope CMOS Image Sensor.
Chapter 14 and 15, to describe Endoscope CMOS Image Sensor sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope
1.2 Market Estimation Caveats and Base Year
1.3 Market Analysis by Type
  1.3.1 Overview: Global Endoscope CMOS Image Sensor Consumption Value by Type: 2021 Versus 2025 Versus 2032
  1.3.2 Packaged CMOS Image Sensor
  1.3.3 Wafer-Level Camera Device
  1.3.4 Chip-on-Tip Sensor Module
  1.3.5 Cabled Camera Module
  1.3.6 Other
1.4 Market Analysis by Active Resolution
  1.4.1 Overview: Global Endoscope CMOS Image Sensor Consumption Value by Active Resolution: 2021 Versus 2025 Versus 2032
  1.4.2 Up to 0.1 Megapixel
  1.4.3 Above 0.1 to 0.5 Megapixel
  1.4.4 Above 0.5 to 1 Megapixel
  1.4.5 Above 1 to 2 Megapixels
  1.4.6 Above 2 Megapixels
1.5 Market Analysis by Imaging Mode
  1.5.1 Overview: Global Endoscope CMOS Image Sensor Consumption Value by Imaging Mode: 2021 Versus 2025 Versus 2032
  1.5.2 Visible-Light Color Imaging
  1.5.3 Near-Infrared Imaging
  1.5.4 Fluorescence Imaging
  1.5.5 Other Imaging Modes
1.6 Market Analysis by Usage Model
  1.6.1 Overview: Global Endoscope CMOS Image Sensor Consumption Value by Usage Model: 2021 Versus 2025 Versus 2032
  1.6.2 Single-Use
  1.6.3 Reusable
1.7 Market Analysis by Application
  1.7.1 Overview: Global Endoscope CMOS Image Sensor Consumption Value by Application: 2021 Versus 2025 Versus 2032
  1.7.2 Flexible Endoscopy
  1.7.3 Rigid Endoscopy

+357 96 030922
info@marketpublishers.com

1.7.4 Capsule Endoscopy
1.7.5 Catheter and Needle Endoscopy
1.7.6 Other
1.8 Global Endoscope CMOS Image Sensor Market Size & Forecast
1.8.1 Global Endoscope CMOS Image Sensor Consumption Value (2021 & 2025 & 2032)
1.8.2 Global Endoscope CMOS Image Sensor Sales Quantity (2021-2032)
1.8.3 Global Endoscope CMOS Image Sensor Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Sony Group Corporation
2.1.1 Sony Group Corporation Details
2.1.2 Sony Group Corporation Major Business
2.1.3 Sony Group Corporation Endoscope CMOS Image Sensor Product and Services
2.1.4 Sony Group Corporation Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.1.5 Sony Group Corporation Recent Developments/Updates
2.2 OmniVision Integrated Circuits Group, Inc.
2.2.1 OmniVision Integrated Circuits Group, Inc. Details
2.2.2 OmniVision Integrated Circuits Group, Inc. Major Business
2.2.3 OmniVision Integrated Circuits Group, Inc. Endoscope CMOS Image Sensor Product and Services
2.2.4 OmniVision Integrated Circuits Group, Inc. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.2.5 OmniVision Integrated Circuits Group, Inc. Recent Developments/Updates
2.3 Teledyne Technologies Incorporated
2.3.1 Teledyne Technologies Incorporated Details
2.3.2 Teledyne Technologies Incorporated Major Business
2.3.3 Teledyne Technologies Incorporated Endoscope CMOS Image Sensor Product and Services
2.3.4 Teledyne Technologies Incorporated Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.3.5 Teledyne Technologies Incorporated Recent Developments/Updates
2.4 AMETEK, Inc.
2.4.1 AMETEK, Inc. Details
2.4.2 AMETEK, Inc. Major Business
2.4.3 AMETEK, Inc. Endoscope CMOS Image Sensor Product and Services
2.4.4 AMETEK, Inc. Endoscope CMOS Image Sensor Sales Quantity, Average Price,

+357 96 030922
info@marketpublishers.com

Revenue, Gross Margin and Market Share (2021-2026)
2.4.5 AMETEK, Inc. Recent Developments/Updates
2.5 ams-OSRAM AG
2.5.1 ams-OSRAM AG Details
2.5.2 ams-OSRAM AG Major Business
2.5.3 ams-OSRAM AG Endoscope CMOS Image Sensor Product and Services
2.5.4 ams-OSRAM AG Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.5.5 ams-OSRAM AG Recent Developments/Updates
2.6 STMicroelectronics N.V.
2.6.1 STMicroelectronics N.V. Details
2.6.2 STMicroelectronics N.V. Major Business
2.6.3 STMicroelectronics N.V. Endoscope CMOS Image Sensor Product and Services
2.6.4 STMicroelectronics N.V. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.6.5 STMicroelectronics N.V. Recent Developments/Updates
2.7 SmartSens Technology (Shanghai) Co., Ltd.
2.7.1 SmartSens Technology (Shanghai) Co., Ltd. Details
2.7.2 SmartSens Technology (Shanghai) Co., Ltd. Major Business
2.7.3 SmartSens Technology (Shanghai) Co., Ltd. Endoscope CMOS Image Sensor Product and Services
2.7.4 SmartSens Technology (Shanghai) Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.7.5 SmartSens Technology (Shanghai) Co., Ltd. Recent Developments/Updates
2.8 Himax Technologies, Inc.
2.8.1 Himax Technologies, Inc. Details
2.8.2 Himax Technologies, Inc. Major Business
2.8.3 Himax Technologies, Inc. Endoscope CMOS Image Sensor Product and Services
2.8.4 Himax Technologies, Inc. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.8.5 Himax Technologies, Inc. Recent Developments/Updates
2.9 Gpixel Changchun Microelectronics Inc.
2.9.1 Gpixel Changchun Microelectronics Inc. Details
2.9.2 Gpixel Changchun Microelectronics Inc. Major Business
2.9.3 Gpixel Changchun Microelectronics Inc. Endoscope CMOS Image Sensor Product and Services
2.9.4 Gpixel Changchun Microelectronics Inc. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

2.9.5 Gpixel Changchun Microelectronics Inc. Recent Developments/Updates
2.10 Pixelplus Co., Ltd.
2.10.1 Pixelplus Co., Ltd. Details
2.10.2 Pixelplus Co., Ltd. Major Business
2.10.3 Pixelplus Co., Ltd. Endoscope CMOS Image Sensor Product and Services
2.10.4 Pixelplus Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.10.5 Pixelplus Co., Ltd. Recent Developments/Updates
2.11 Brigates Microelectronics Co., Ltd.
2.11.1 Brigates Microelectronics Co., Ltd. Details
2.11.2 Brigates Microelectronics Co., Ltd. Major Business
2.11.3 Brigates Microelectronics Co., Ltd. Endoscope CMOS Image Sensor Product and Services
2.11.4 Brigates Microelectronics Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.11.5 Brigates Microelectronics Co., Ltd. Recent Developments/Updates
2.12 Caeleste CV
2.12.1 Caeleste CV Details
2.12.2 Caeleste CV Major Business
2.12.3 Caeleste CV Endoscope CMOS Image Sensor Product and Services
2.12.4 Caeleste CV Endoscope CMOS Image Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
2.12.5 Caeleste CV Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENDOSCOPE CMOS IMAGE SENSOR BY MANUFACTURER

3.1 Global Endoscope CMOS Image Sensor Sales Quantity by Manufacturer (2021-2026)
3.2 Global Endoscope CMOS Image Sensor Revenue by Manufacturer (2021-2026)
3.3 Global Endoscope CMOS Image Sensor Average Price by Manufacturer (2021-2026)
3.4 Market Share Analysis (2025)
3.4.1 Producer Shipments of Endoscope CMOS Image Sensor by Manufacturer Revenue ($MM) and Market Share (%): 2025
3.4.2 Top 3 Endoscope CMOS Image Sensor Manufacturer Market Share in 2025
3.4.3 Top 6 Endoscope CMOS Image Sensor Manufacturer Market Share in 2025
3.5 Endoscope CMOS Image Sensor Market: Overall Company Footprint Analysis
3.5.1 Endoscope CMOS Image Sensor Market: Region Footprint

+357 96 030922
info@marketpublishers.com

3.5.2 Endoscope CMOS Image Sensor Market: Company Product Type Footprint
3.5.3 Endoscope CMOS Image Sensor Market: Company Product Application Footprint
3.6 New Market Entrants and Barriers to Market Entry
3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Endoscope CMOS Image Sensor Market Size by Region
4.1.1 Global Endoscope CMOS Image Sensor Sales Quantity by Region (2021-2032)
4.1.2 Global Endoscope CMOS Image Sensor Consumption Value by Region (2021-2032)
4.1.3 Global Endoscope CMOS Image Sensor Average Price by Region (2021-2032)
4.2 North America Endoscope CMOS Image Sensor Consumption Value (2021-2032)
4.3 Europe Endoscope CMOS Image Sensor Consumption Value (2021-2032)
4.4 Asia-Pacific Endoscope CMOS Image Sensor Consumption Value (2021-2032)
4.5 South America Endoscope CMOS Image Sensor Consumption Value (2021-2032)
4.6 Middle East & Africa Endoscope CMOS Image Sensor Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
5.2 Global Endoscope CMOS Image Sensor Consumption Value by Type (2021-2032)
5.3 Global Endoscope CMOS Image Sensor Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)
6.2 Global Endoscope CMOS Image Sensor Consumption Value by Application (2021-2032)
6.3 Global Endoscope CMOS Image Sensor Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
7.2 North America Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)

+357 96 030922
info@marketpublishers.com

7.3 North America Endoscope CMOS Image Sensor Market Size by Country
7.3.1 North America Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2032)
7.3.2 North America Endoscope CMOS Image Sensor Consumption Value by Country (2021-2032)
7.3.3 United States Market Size and Forecast (2021-2032)
7.3.4 Canada Market Size and Forecast (2021-2032)
7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
8.2 Europe Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)
8.3 Europe Endoscope CMOS Image Sensor Market Size by Country
8.3.1 Europe Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2032)
8.3.2 Europe Endoscope CMOS Image Sensor Consumption Value by Country (2021-2032)
8.3.3 Germany Market Size and Forecast (2021-2032)
8.3.4 France Market Size and Forecast (2021-2032)
8.3.5 United Kingdom Market Size and Forecast (2021-2032)
8.3.6 Russia Market Size and Forecast (2021-2032)
8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
9.2 Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)
9.3 Asia-Pacific Endoscope CMOS Image Sensor Market Size by Region
9.3.1 Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Region (2021-2032)
9.3.2 Asia-Pacific Endoscope CMOS Image Sensor Consumption Value by Region (2021-2032)
9.3.3 China Market Size and Forecast (2021-2032)
9.3.4 Japan Market Size and Forecast (2021-2032)
9.3.5 South Korea Market Size and Forecast (2021-2032)
9.3.6 India Market Size and Forecast (2021-2032)
9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
9.3.8 Australia Market Size and Forecast (2021-2032)

+357 96 030922
info@marketpublishers.com

10 SOUTH AMERICA

10.1 South America Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
10.2 South America Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)
10.3 South America Endoscope CMOS Image Sensor Market Size by Country
  10.3.1 South America Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2032)
  10.3.2 South America Endoscope CMOS Image Sensor Consumption Value by Country (2021-2032)
  10.3.3 Brazil Market Size and Forecast (2021-2032)
  10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2032)
11.2 Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2032)
11.3 Middle East & Africa Endoscope CMOS Image Sensor Market Size by Country
  11.3.1 Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2032)
  11.3.2 Middle East & Africa Endoscope CMOS Image Sensor Consumption Value by Country (2021-2032)
  11.3.3 Turkey Market Size and Forecast (2021-2032)
  11.3.4 Egypt Market Size and Forecast (2021-2032)
  11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
  11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Endoscope CMOS Image Sensor Market Drivers
12.2 Endoscope CMOS Image Sensor Market Restraints
12.3 Endoscope CMOS Image Sensor Trends Analysis
12.4 Porters Five Forces Analysis
  12.4.1 Threat of New Entrants
  12.4.2 Bargaining Power of Suppliers

+357 96 030922
info@marketpublishers.com

12.4.3 Bargaining Power of Buyers
12.4.4 Threat of Substitutes
12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Endoscope CMOS Image Sensor and Key Manufacturers
13.2 Manufacturing Costs Percentage of Endoscope CMOS Image Sensor
13.3 Endoscope CMOS Image Sensor Production Process
13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel
14.1.1 Direct to End-User
14.1.2 Distributors
14.2 Endoscope CMOS Image Sensor Typical Distributors
14.3 Endoscope CMOS Image Sensor Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology
16.2 Research Process and Data Source
16.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Global Endoscope CMOS Image Sensor Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
Table 2. Global Endoscope CMOS Image Sensor Consumption Value by Active Resolution, (USD Million), 2021 & 2025 & 2032
Table 3. Global Endoscope CMOS Image Sensor Consumption Value by Imaging Mode, (USD Million), 2021 & 2025 & 2032
Table 4. Global Endoscope CMOS Image Sensor Consumption Value by Usage Model, (USD Million), 2021 & 2025 & 2032
Table 5. Global Endoscope CMOS Image Sensor Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
Table 6. Sony Group Corporation Basic Information, Manufacturing Base and Competitors
Table 7. Sony Group Corporation Major Business
Table 8. Sony Group Corporation Endoscope CMOS Image Sensor Product and Services
Table 9. Sony Group Corporation Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 10. Sony Group Corporation Recent Developments/Updates
Table 11. OmniVision Integrated Circuits Group, Inc. Basic Information, Manufacturing Base and Competitors
Table 12. OmniVision Integrated Circuits Group, Inc. Major Business
Table 13. OmniVision Integrated Circuits Group, Inc. Endoscope CMOS Image Sensor Product and Services
Table 14. OmniVision Integrated Circuits Group, Inc. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 15. OmniVision Integrated Circuits Group, Inc. Recent Developments/Updates
Table 16. Teledyne Technologies Incorporated Basic Information, Manufacturing Base and Competitors
Table 17. Teledyne Technologies Incorporated Major Business
Table 18. Teledyne Technologies Incorporated Endoscope CMOS Image Sensor Product and Services
Table 19. Teledyne Technologies Incorporated Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and

+357 96 030922
info@marketpublishers.com

Market Share (2021-2026)
Table 20. Teledyne Technologies Incorporated Recent Developments/Updates
Table 21. AMETEK, Inc. Basic Information, Manufacturing Base and Competitors
Table 22. AMETEK, Inc. Major Business
Table 23. AMETEK, Inc. Endoscope CMOS Image Sensor Product and Services
Table 24. AMETEK, Inc. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 25. AMETEK, Inc. Recent Developments/Updates
Table 26. ams-OSRAM AG Basic Information, Manufacturing Base and Competitors
Table 27. ams-OSRAM AG Major Business
Table 28. ams-OSRAM AG Endoscope CMOS Image Sensor Product and Services
Table 29. ams-OSRAM AG Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 30. ams-OSRAM AG Recent Developments/Updates
Table 31. STMicroelectronics N.V. Basic Information, Manufacturing Base and Competitors
Table 32. STMicroelectronics N.V. Major Business
Table 33. STMicroelectronics N.V. Endoscope CMOS Image Sensor Product and Services
Table 34. STMicroelectronics N.V. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 35. STMicroelectronics N.V. Recent Developments/Updates
Table 36. SmartSens Technology (Shanghai) Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 37. SmartSens Technology (Shanghai) Co., Ltd. Major Business
Table 38. SmartSens Technology (Shanghai) Co., Ltd. Endoscope CMOS Image Sensor Product and Services
Table 39. SmartSens Technology (Shanghai) Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 40. SmartSens Technology (Shanghai) Co., Ltd. Recent Developments/Updates
Table 41. Himax Technologies, Inc. Basic Information, Manufacturing Base and Competitors
Table 42. Himax Technologies, Inc. Major Business
Table 43. Himax Technologies, Inc. Endoscope CMOS Image Sensor Product and Services

+357 96 030922
info@marketpublishers.com

Table 44. Himax Technologies, Inc. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 45. Himax Technologies, Inc. Recent Developments/Updates
Table 46. Gpixel Changchun Microelectronics Inc. Basic Information, Manufacturing Base and Competitors
Table 47. Gpixel Changchun Microelectronics Inc. Major Business
Table 48. Gpixel Changchun Microelectronics Inc. Endoscope CMOS Image Sensor Product and Services
Table 49. Gpixel Changchun Microelectronics Inc. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 50. Gpixel Changchun Microelectronics Inc. Recent Developments/Updates
Table 51. Pixelplus Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 52. Pixelplus Co., Ltd. Major Business
Table 53. Pixelplus Co., Ltd. Endoscope CMOS Image Sensor Product and Services
Table 54. Pixelplus Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 55. Pixelplus Co., Ltd. Recent Developments/Updates
Table 56. Brigates Microelectronics Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 57. Brigates Microelectronics Co., Ltd. Major Business
Table 58. Brigates Microelectronics Co., Ltd. Endoscope CMOS Image Sensor Product and Services
Table 59. Brigates Microelectronics Co., Ltd. Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 60. Brigates Microelectronics Co., Ltd. Recent Developments/Updates
Table 61. Caeleste CV Basic Information, Manufacturing Base and Competitors
Table 62. Caeleste CV Major Business
Table 63. Caeleste CV Endoscope CMOS Image Sensor Product and Services
Table 64. Caeleste CV Endoscope CMOS Image Sensor Sales Quantity (K Units), Average Price (US$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 65. Caeleste CV Recent Developments/Updates
Table 66. Global Endoscope CMOS Image Sensor Sales Quantity by Manufacturer (2021-2026) & (K Units)
Table 67. Global Endoscope CMOS Image Sensor Revenue by Manufacturer

+357 96 030922
info@marketpublishers.com

(2021-2026) & (USD Million)
Table 68. Global Endoscope CMOS Image Sensor Average Price by Manufacturer (2021-2026) & (US$/Unit)
Table 69. Market Position of Manufacturers in Endoscope CMOS Image Sensor, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 70. Head Office and Endoscope CMOS Image Sensor Production Site of Key Manufacturer
Table 71. Endoscope CMOS Image Sensor Market: Company Product Type Footprint
Table 72. Endoscope CMOS Image Sensor Market: Company Product Application Footprint
Table 73. Endoscope CMOS Image Sensor New Market Entrants and Barriers to Market Entry
Table 74. Endoscope CMOS Image Sensor Mergers, Acquisition, Agreements, and Collaborations
Table 75. Global Endoscope CMOS Image Sensor Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 76. Global Endoscope CMOS Image Sensor Sales Quantity by Region (2021-2026) & (K Units)
Table 77. Global Endoscope CMOS Image Sensor Sales Quantity by Region (2027-2032) & (K Units)
Table 78. Global Endoscope CMOS Image Sensor Consumption Value by Region (2021-2026) & (USD Million)
Table 79. Global Endoscope CMOS Image Sensor Consumption Value by Region (2027-2032) & (USD Million)
Table 80. Global Endoscope CMOS Image Sensor Average Price by Region (2021-2026) & (US$/Unit)
Table 81. Global Endoscope CMOS Image Sensor Average Price by Region (2027-2032) & (US$/Unit)
Table 82. Global Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2026) & (K Units)
Table 83. Global Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 84. Global Endoscope CMOS Image Sensor Consumption Value by Type (2021-2026) & (USD Million)
Table 85. Global Endoscope CMOS Image Sensor Consumption Value by Type (2027-2032) & (USD Million)
Table 86. Global Endoscope CMOS Image Sensor Average Price by Type (2021-2026) & (US$/Unit)
Table 87. Global Endoscope CMOS Image Sensor Average Price by Type (2027-2032)

+357 96 030922
info@marketpublishers.com

& (US$/Unit)
Table 88. Global Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 89. Global Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 90. Global Endoscope CMOS Image Sensor Consumption Value by Application (2021-2026) & (USD Million)
Table 91. Global Endoscope CMOS Image Sensor Consumption Value by Application (2027-2032) & (USD Million)
Table 92. Global Endoscope CMOS Image Sensor Average Price by Application (2021-2026) & (US$/Unit)
Table 93. Global Endoscope CMOS Image Sensor Average Price by Application (2027-2032) & (US$/Unit)
Table 94. North America Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2026) & (K Units)
Table 95. North America Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 96. North America Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 97. North America Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 98. North America Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2026) & (K Units)
Table 99. North America Endoscope CMOS Image Sensor Sales Quantity by Country (2027-2032) & (K Units)
Table 100. North America Endoscope CMOS Image Sensor Consumption Value by Country (2021-2026) & (USD Million)
Table 101. North America Endoscope CMOS Image Sensor Consumption Value by Country (2027-2032) & (USD Million)
Table 102. Europe Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2026) & (K Units)
Table 103. Europe Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 104. Europe Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 105. Europe Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 106. Europe Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 107. Europe Endoscope CMOS Image Sensor Sales Quantity by Country (2027-2032) & (K Units)
Table 108. Europe Endoscope CMOS Image Sensor Consumption Value by Country (2021-2026) & (USD Million)
Table 109. Europe Endoscope CMOS Image Sensor Consumption Value by Country (2027-2032) & (USD Million)
Table 110. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2026) & (K Units)
Table 111. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 112. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 113. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 114. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Region (2021-2026) & (K Units)
Table 115. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity by Region (2027-2032) & (K Units)
Table 116. Asia-Pacific Endoscope CMOS Image Sensor Consumption Value by Region (2021-2026) & (USD Million)
Table 117. Asia-Pacific Endoscope CMOS Image Sensor Consumption Value by Region (2027-2032) & (USD Million)
Table 118. South America Endoscope CMOS Image Sensor Sales Quantity by Type (2021-2026) & (K Units)
Table 119. South America Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 120. South America Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 121. South America Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 122. South America Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2026) & (K Units)
Table 123. South America Endoscope CMOS Image Sensor Sales Quantity by Country (2027-2032) & (K Units)
Table 124. South America Endoscope CMOS Image Sensor Consumption Value by Country (2021-2026) & (USD Million)
Table 125. South America Endoscope CMOS Image Sensor Consumption Value by Country (2027-2032) & (USD Million)
Table 126. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by

+357 96 030922
info@marketpublishers.com

Type (2021-2026) & (K Units)
Table 127. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Type (2027-2032) & (K Units)
Table 128. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Application (2021-2026) & (K Units)
Table 129. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Application (2027-2032) & (K Units)
Table 130. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Country (2021-2026) & (K Units)
Table 131. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity by Country (2027-2032) & (K Units)
Table 132. Middle East & Africa Endoscope CMOS Image Sensor Consumption Value by Country (2021-2026) & (USD Million)
Table 133. Middle East & Africa Endoscope CMOS Image Sensor Consumption Value by Country (2027-2032) & (USD Million)
Table 134. Endoscope CMOS Image Sensor Raw Material
Table 135. Key Manufacturers of Endoscope CMOS Image Sensor Raw Materials
Table 136. Endoscope CMOS Image Sensor Typical Distributors
Table 137. Endoscope CMOS Image Sensor Typical Customers

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Endoscope CMOS Image Sensor Picture
Figure 2. Global Endoscope CMOS Image Sensor Revenue by Type, (USD Million), 2021 & 2025 & 2032
Figure 3. Global Endoscope CMOS Image Sensor Revenue Market Share by Type in 2025
Figure 4. Packaged CMOS Image Sensor Examples
Figure 5. Wafer-Level Camera Device Examples
Figure 6. Chip-on-Tip Sensor Module Examples
Figure 7. Cabled Camera Module Examples
Figure 8. Other Examples
Figure 9. Global Endoscope CMOS Image Sensor Revenue by Active Resolution, (USD Million), 2021 & 2025 & 2032
Figure 10. Global Endoscope CMOS Image Sensor Revenue Market Share by Active Resolution in 2025
Figure 11. Up to 0.1 Megapixel Examples
Figure 12. Above 0.1 to 0.5 Megapixel Examples
Figure 13. Above 0.5 to 1 Megapixel Examples
Figure 14. Above 1 to 2 Megapixels Examples
Figure 15. Above 2 Megapixels Examples
Figure 16. Global Endoscope CMOS Image Sensor Revenue by Imaging Mode, (USD Million), 2021 & 2025 & 2032
Figure 17. Global Endoscope CMOS Image Sensor Revenue Market Share by Imaging Mode in 2025
Figure 18. Visible-Light Color Imaging Examples
Figure 19. Near-Infrared Imaging Examples
Figure 20. Fluorescence Imaging Examples
Figure 21. Other Imaging Modes Examples
Figure 22. Global Endoscope CMOS Image Sensor Revenue by Usage Model, (USD Million), 2021 & 2025 & 2032
Figure 23. Global Endoscope CMOS Image Sensor Revenue Market Share by Usage Model in 2025
Figure 24. Single-Use Examples
Figure 25. Reusable Examples
Figure 26. Global Endoscope CMOS Image Sensor Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 27. Global Endoscope CMOS Image Sensor Revenue Market Share by Application in 2025
Figure 28. Flexible Endoscopy Examples
Figure 29. Rigid Endoscopy Examples
Figure 30. Capsule Endoscopy Examples
Figure 31. Catheter and Needle Endoscopy Examples
Figure 32. Other Examples
Figure 33. Global Endoscope CMOS Image Sensor Consumption Value, (USD Million): 2021 & 2025 & 2032
Figure 34. Global Endoscope CMOS Image Sensor Consumption Value and Forecast (2021-2032) & (USD Million)
Figure 35. Global Endoscope CMOS Image Sensor Sales Quantity (2021-2032) & (K Units)
Figure 36. Global Endoscope CMOS Image Sensor Price (2021-2032) & (US$/Unit)
Figure 37. Global Endoscope CMOS Image Sensor Sales Quantity Market Share by Manufacturer in 2025
Figure 38. Global Endoscope CMOS Image Sensor Revenue Market Share by Manufacturer in 2025
Figure 39. Producer Shipments of Endoscope CMOS Image Sensor by Manufacturer Sales ($MM) and Market Share (%): 2025
Figure 40. Top 3 Endoscope CMOS Image Sensor Manufacturer (Revenue) Market Share in 2025
Figure 41. Top 6 Endoscope CMOS Image Sensor Manufacturer (Revenue) Market Share in 2025
Figure 42. Global Endoscope CMOS Image Sensor Sales Quantity Market Share by Region (2021-2032)
Figure 43. Global Endoscope CMOS Image Sensor Consumption Value Market Share by Region (2021-2032)
Figure 44. North America Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 45. Europe Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 46. Asia-Pacific Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 47. South America Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 48. Middle East & Africa Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 49. Global Endoscope CMOS Image Sensor Sales Quantity Market Share by

+357 96 030922
info@marketpublishers.com

Type (2021-2032)
Figure 50. Global Endoscope CMOS Image Sensor Consumption Value Market Share by Type (2021-2032)
Figure 51. Global Endoscope CMOS Image Sensor Average Price by Type (2021-2032) & (US$/Unit)
Figure 52. Global Endoscope CMOS Image Sensor Sales Quantity Market Share by Application (2021-2032)
Figure 53. Global Endoscope CMOS Image Sensor Revenue Market Share by Application (2021-2032)
Figure 54. Global Endoscope CMOS Image Sensor Average Price by Application (2021-2032) & (US$/Unit)
Figure 55. North America Endoscope CMOS Image Sensor Sales Quantity Market Share by Type (2021-2032)
Figure 56. North America Endoscope CMOS Image Sensor Sales Quantity Market Share by Application (2021-2032)
Figure 57. North America Endoscope CMOS Image Sensor Sales Quantity Market Share by Country (2021-2032)
Figure 58. North America Endoscope CMOS Image Sensor Consumption Value Market Share by Country (2021-2032)
Figure 59. United States Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 60. Canada Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 61. Mexico Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 62. Europe Endoscope CMOS Image Sensor Sales Quantity Market Share by Type (2021-2032)
Figure 63. Europe Endoscope CMOS Image Sensor Sales Quantity Market Share by Application (2021-2032)
Figure 64. Europe Endoscope CMOS Image Sensor Sales Quantity Market Share by Country (2021-2032)
Figure 65. Europe Endoscope CMOS Image Sensor Consumption Value Market Share by Country (2021-2032)
Figure 66. Germany Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 67. France Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 68. United Kingdom Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Figure 69. Russia Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 70. Italy Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 71. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity Market Share by Type (2021-2032)
Figure 72. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity Market Share by Application (2021-2032)
Figure 73. Asia-Pacific Endoscope CMOS Image Sensor Sales Quantity Market Share by Region (2021-2032)
Figure 74. Asia-Pacific Endoscope CMOS Image Sensor Consumption Value Market Share by Region (2021-2032)
Figure 75. China Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 76. Japan Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 77. South Korea Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 78. India Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 79. Southeast Asia Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 80. Australia Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 81. South America Endoscope CMOS Image Sensor Sales Quantity Market Share by Type (2021-2032)
Figure 82. South America Endoscope CMOS Image Sensor Sales Quantity Market Share by Application (2021-2032)
Figure 83. South America Endoscope CMOS Image Sensor Sales Quantity Market Share by Country (2021-2032)
Figure 84. South America Endoscope CMOS Image Sensor Consumption Value Market Share by Country (2021-2032)
Figure 85. Brazil Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 86. Argentina Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 87. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity Market Share by Type (2021-2032)
Figure 88. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity Market

+357 96 030922
info@marketpublishers.com

Share by Application (2021-2032)
Figure 89. Middle East & Africa Endoscope CMOS Image Sensor Sales Quantity Market Share by Country (2021-2032)
Figure 90. Middle East & Africa Endoscope CMOS Image Sensor Consumption Value Market Share by Country (2021-2032)
Figure 91. Turkey Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 92. Egypt Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 93. Saudi Arabia Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 94. South Africa Endoscope CMOS Image Sensor Consumption Value (2021-2032) & (USD Million)
Figure 95. Endoscope CMOS Image Sensor Market Drivers
Figure 96. Endoscope CMOS Image Sensor Market Restraints
Figure 97. Endoscope CMOS Image Sensor Market Trends
Figure 98. Porters Five Forces Analysis
Figure 99. Manufacturing Cost Structure Analysis of Endoscope CMOS Image Sensor in 2025
Figure 100. Manufacturing Process Analysis of Endoscope CMOS Image Sensor
Figure 101. Endoscope CMOS Image Sensor Industrial Chain
Figure 102. Sales Channel: Direct to End-User vs Distributors
Figure 103. Direct Channel Pros & Cons
Figure 104. Indirect Channel Pros & Cons
Figure 105. Methodology
Figure 106. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Endoscope CMOS Image Sensor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/G12029B9CC91EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G12029B9CC91EN.html