

# Global Extrinsic Optical Sensor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G492663EC90AEN.html>

Date: August 2025

Pages: 115

Price: US\$ 3,480.00 (Single User License)

ID: G492663EC90AEN

## Abstracts

According to our (Global Info Research) latest study, the global Extrinsic Optical Sensor market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

Extrinsic Optical Sensor is a sensor device that uses the interaction of external light sources and light signals to detect and measure specific physical quantities or environmental parameters.

This report is a detailed and comprehensive analysis for global Extrinsic Optical 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 Extrinsic Optical Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Extrinsic Optical Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Extrinsic Optical Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Extrinsic Optical Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

**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 Extrinsic Optical Sensor

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 Extrinsic Optical 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 AMS-OSRAM, Analog Devices, Broadcom, Hamamatsu Photonics K.K., Honeywell International, ifm electronic gmbh, Keyence Corporation, OMRON Corporation, Panasonic Holdings Corporation, Rockwell Automation, etc.

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

**Market Segmentation**

Extrinsic Optical Sensor market is split by Type and by Application. For the period 2020-2031, 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 segment by Type**

Fiber Optic Sensor

Photoelectric Sensor

Image Sensor

Others

### **Market segment by Application**

Aerospace and Defense

Automotive

Electronic

Others

### **Major players covered**

AMS-OSRAM

Analog Devices

Broadcom

Hamamatsu Photonics K.K.

Honeywell International

ifm electronic gmbh

Keyence Corporation

OMRON Corporation

Panasonic Holdings Corporation

Rockwell Automation

Rohm

STMicroelectronics

Texas Instruments Incorporated

Vishay Intertechnology

**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)

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)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Extrinsic Optical Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Extrinsic Optical Sensor, with price, sales quantity, revenue, and global market share of Extrinsic Optical Sensor from 2020 to 2025.

Chapter 3, the Extrinsic Optical Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Extrinsic Optical Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Extrinsic Optical Sensor market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Extrinsic Optical Sensor.

Chapter 14 and 15, to describe Extrinsic Optical Sensor sales channel, distributors, customers, research findings and conclusion.

## 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 Extrinsic Optical Sensor Consumption Value by Type: 2020 Versus 2024 Versus 2031

##### 1.3.2 Fiber Optic Sensor

##### 1.3.3 Photoelectric Sensor

##### 1.3.4 Image Sensor

##### 1.3.5 Others

#### 1.4 Market Analysis by Application

##### 1.4.1 Overview: Global Extrinsic Optical Sensor Consumption Value by Application: 2020 Versus 2024 Versus 2031

##### 1.4.2 Aerospace and Defense

##### 1.4.3 Automotive

##### 1.4.4 Electronic

##### 1.4.5 Others

#### 1.5 Global Extrinsic Optical Sensor Market Size & Forecast

##### 1.5.1 Global Extrinsic Optical Sensor Consumption Value (2020 & 2024 & 2031)

##### 1.5.2 Global Extrinsic Optical Sensor Sales Quantity (2020-2031)

##### 1.5.3 Global Extrinsic Optical Sensor Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

#### 2.1 AMS-OSRAM

##### 2.1.1 AMS-OSRAM Details

##### 2.1.2 AMS-OSRAM Major Business

##### 2.1.3 AMS-OSRAM Extrinsic Optical Sensor Product and Services

##### 2.1.4 AMS-OSRAM Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

##### 2.1.5 AMS-OSRAM Recent Developments/Updates

#### 2.2 Analog Devices

##### 2.2.1 Analog Devices Details

##### 2.2.2 Analog Devices Major Business

##### 2.2.3 Analog Devices Extrinsic Optical Sensor Product and Services

##### 2.2.4 Analog Devices Extrinsic Optical Sensor Sales Quantity, Average Price,

## Revenue, Gross Margin and Market Share (2020-2025)

### 2.2.5 Analog Devices Recent Developments/Updates

## 2.3 Broadcom

### 2.3.1 Broadcom Details

### 2.3.2 Broadcom Major Business

### 2.3.3 Broadcom Extrinsic Optical Sensor Product and Services

### 2.3.4 Broadcom Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.3.5 Broadcom Recent Developments/Updates

## 2.4 Hamamatsu Photonics K.K.

### 2.4.1 Hamamatsu Photonics K.K. Details

### 2.4.2 Hamamatsu Photonics K.K. Major Business

### 2.4.3 Hamamatsu Photonics K.K. Extrinsic Optical Sensor Product and Services

### 2.4.4 Hamamatsu Photonics K.K. Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.4.5 Hamamatsu Photonics K.K. Recent Developments/Updates

## 2.5 Honeywell International

### 2.5.1 Honeywell International Details

### 2.5.2 Honeywell International Major Business

### 2.5.3 Honeywell International Extrinsic Optical Sensor Product and Services

### 2.5.4 Honeywell International Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.5.5 Honeywell International Recent Developments/Updates

## 2.6 ifm electronic gmbh

### 2.6.1 ifm electronic gmbh Details

### 2.6.2 ifm electronic gmbh Major Business

### 2.6.3 ifm electronic gmbh Extrinsic Optical Sensor Product and Services

### 2.6.4 ifm electronic gmbh Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.6.5 ifm electronic gmbh Recent Developments/Updates

## 2.7 Keyence Corporation

### 2.7.1 Keyence Corporation Details

### 2.7.2 Keyence Corporation Major Business

### 2.7.3 Keyence Corporation Extrinsic Optical Sensor Product and Services

### 2.7.4 Keyence Corporation Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.7.5 Keyence Corporation Recent Developments/Updates

## 2.8 OMRON Corporation

### 2.8.1 OMRON Corporation Details

- 2.8.2 OMRON Corporation Major Business
- 2.8.3 OMRON Corporation Extrinsic Optical Sensor Product and Services
- 2.8.4 OMRON Corporation Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 OMRON Corporation Recent Developments/Updates
- 2.9 Panasonic Holdings Corporation
  - 2.9.1 Panasonic Holdings Corporation Details
  - 2.9.2 Panasonic Holdings Corporation Major Business
  - 2.9.3 Panasonic Holdings Corporation Extrinsic Optical Sensor Product and Services
  - 2.9.4 Panasonic Holdings Corporation Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Panasonic Holdings Corporation Recent Developments/Updates
- 2.10 Rockwell Automation
  - 2.10.1 Rockwell Automation Details
  - 2.10.2 Rockwell Automation Major Business
  - 2.10.3 Rockwell Automation Extrinsic Optical Sensor Product and Services
  - 2.10.4 Rockwell Automation Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 Rockwell Automation Recent Developments/Updates
- 2.11 Rohm
  - 2.11.1 Rohm Details
  - 2.11.2 Rohm Major Business
  - 2.11.3 Rohm Extrinsic Optical Sensor Product and Services
  - 2.11.4 Rohm Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.11.5 Rohm Recent Developments/Updates
- 2.12 STMicroelectronics
  - 2.12.1 STMicroelectronics Details
  - 2.12.2 STMicroelectronics Major Business
  - 2.12.3 STMicroelectronics Extrinsic Optical Sensor Product and Services
  - 2.12.4 STMicroelectronics Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.12.5 STMicroelectronics Recent Developments/Updates
- 2.13 Texas Instruments Incorporated
  - 2.13.1 Texas Instruments Incorporated Details
  - 2.13.2 Texas Instruments Incorporated Major Business
  - 2.13.3 Texas Instruments Incorporated Extrinsic Optical Sensor Product and Services
  - 2.13.4 Texas Instruments Incorporated Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)



- 2.13.5 Texas Instruments Incorporated Recent Developments/Updates
- 2.14 Vishay Intertechnology
  - 2.14.1 Vishay Intertechnology Details
  - 2.14.2 Vishay Intertechnology Major Business
  - 2.14.3 Vishay Intertechnology Extrinsic Optical Sensor Product and Services
  - 2.14.4 Vishay Intertechnology Extrinsic Optical Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.14.5 Vishay Intertechnology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: EXTRINSIC OPTICAL SENSOR BY MANUFACTURER**

- 3.1 Global Extrinsic Optical Sensor Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Extrinsic Optical Sensor Revenue by Manufacturer (2020-2025)
- 3.3 Global Extrinsic Optical Sensor Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
  - 3.4.1 Producer Shipments of Extrinsic Optical Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2024
  - 3.4.2 Top 3 Extrinsic Optical Sensor Manufacturer Market Share in 2024
  - 3.4.3 Top 6 Extrinsic Optical Sensor Manufacturer Market Share in 2024
- 3.5 Extrinsic Optical Sensor Market: Overall Company Footprint Analysis
  - 3.5.1 Extrinsic Optical Sensor Market: Region Footprint
  - 3.5.2 Extrinsic Optical Sensor Market: Company Product Type Footprint
  - 3.5.3 Extrinsic Optical 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 Extrinsic Optical Sensor Market Size by Region
  - 4.1.1 Global Extrinsic Optical Sensor Sales Quantity by Region (2020-2031)
  - 4.1.2 Global Extrinsic Optical Sensor Consumption Value by Region (2020-2031)
  - 4.1.3 Global Extrinsic Optical Sensor Average Price by Region (2020-2031)
- 4.2 North America Extrinsic Optical Sensor Consumption Value (2020-2031)
- 4.3 Europe Extrinsic Optical Sensor Consumption Value (2020-2031)
- 4.4 Asia-Pacific Extrinsic Optical Sensor Consumption Value (2020-2031)
- 4.5 South America Extrinsic Optical Sensor Consumption Value (2020-2031)
- 4.6 Middle East & Africa Extrinsic Optical Sensor Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 5.2 Global Extrinsic Optical Sensor Consumption Value by Type (2020-2031)
- 5.3 Global Extrinsic Optical Sensor Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 6.2 Global Extrinsic Optical Sensor Consumption Value by Application (2020-2031)
- 6.3 Global Extrinsic Optical Sensor Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 7.2 North America Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 7.3 North America Extrinsic Optical Sensor Market Size by Country
  - 7.3.1 North America Extrinsic Optical Sensor Sales Quantity by Country (2020-2031)
  - 7.3.2 North America Extrinsic Optical Sensor Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 8.2 Europe Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 8.3 Europe Extrinsic Optical Sensor Market Size by Country
  - 8.3.1 Europe Extrinsic Optical Sensor Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe Extrinsic Optical Sensor Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Extrinsic Optical Sensor Market Size by Region
  - 9.3.1 Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Region (2020-2031)
  - 9.3.2 Asia-Pacific Extrinsic Optical Sensor Consumption Value by Region (2020-2031)
  - 9.3.3 China Market Size and Forecast (2020-2031)
  - 9.3.4 Japan Market Size and Forecast (2020-2031)
  - 9.3.5 South Korea Market Size and Forecast (2020-2031)
  - 9.3.6 India Market Size and Forecast (2020-2031)
  - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
  - 9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

- 10.1 South America Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 10.2 South America Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 10.3 South America Extrinsic Optical Sensor Market Size by Country
  - 10.3.1 South America Extrinsic Optical Sensor Sales Quantity by Country (2020-2031)
  - 10.3.2 South America Extrinsic Optical Sensor Consumption Value by Country (2020-2031)
  - 10.3.3 Brazil Market Size and Forecast (2020-2031)
  - 10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Type (2020-2031)
- 11.2 Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Application (2020-2031)
- 11.3 Middle East & Africa Extrinsic Optical Sensor Market Size by Country
  - 11.3.1 Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Country (2020-2031)
  - 11.3.2 Middle East & Africa Extrinsic Optical Sensor Consumption Value by Country (2020-2031)
  - 11.3.3 Turkey Market Size and Forecast (2020-2031)
  - 11.3.4 Egypt Market Size and Forecast (2020-2031)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
  - 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 Extrinsic Optical Sensor Market Drivers
- 12.2 Extrinsic Optical Sensor Market Restraints
- 12.3 Extrinsic Optical Sensor Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 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 Extrinsic Optical Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Extrinsic Optical Sensor
- 13.3 Extrinsic Optical 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 Extrinsic Optical Sensor Typical Distributors
- 14.3 Extrinsic Optical Sensor Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Extrinsic Optical Sensor Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Extrinsic Optical Sensor Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. AMS-OSRAM Basic Information, Manufacturing Base and Competitors

Table 4. AMS-OSRAM Major Business

Table 5. AMS-OSRAM Extrinsic Optical Sensor Product and Services

Table 6. AMS-OSRAM Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. AMS-OSRAM Recent Developments/Updates

Table 8. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 9. Analog Devices Major Business

Table 10. Analog Devices Extrinsic Optical Sensor Product and Services

Table 11. Analog Devices Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Analog Devices Recent Developments/Updates

Table 13. Broadcom Basic Information, Manufacturing Base and Competitors

Table 14. Broadcom Major Business

Table 15. Broadcom Extrinsic Optical Sensor Product and Services

Table 16. Broadcom Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Broadcom Recent Developments/Updates

Table 18. Hamamatsu Photonics K.K. Basic Information, Manufacturing Base and Competitors

Table 19. Hamamatsu Photonics K.K. Major Business

Table 20. Hamamatsu Photonics K.K. Extrinsic Optical Sensor Product and Services

Table 21. Hamamatsu Photonics K.K. Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Hamamatsu Photonics K.K. Recent Developments/Updates

Table 23. Honeywell International Basic Information, Manufacturing Base and Competitors

Table 24. Honeywell International Major Business

Table 25. Honeywell International Extrinsic Optical Sensor Product and Services

Table 26. Honeywell International Extrinsic Optical Sensor Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Honeywell International Recent Developments/Updates

Table 28. ifm electronic gmbh Basic Information, Manufacturing Base and Competitors

Table 29. ifm electronic gmbh Major Business

Table 30. ifm electronic gmbh Extrinsic Optical Sensor Product and Services

Table 31. ifm electronic gmbh Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. ifm electronic gmbh Recent Developments/Updates

Table 33. Keyence Corporation Basic Information, Manufacturing Base and Competitors

Table 34. Keyence Corporation Major Business

Table 35. Keyence Corporation Extrinsic Optical Sensor Product and Services

Table 36. Keyence Corporation Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Keyence Corporation Recent Developments/Updates

Table 38. OMRON Corporation Basic Information, Manufacturing Base and Competitors

Table 39. OMRON Corporation Major Business

Table 40. OMRON Corporation Extrinsic Optical Sensor Product and Services

Table 41. OMRON Corporation Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. OMRON Corporation Recent Developments/Updates

Table 43. Panasonic Holdings Corporation Basic Information, Manufacturing Base and Competitors

Table 44. Panasonic Holdings Corporation Major Business

Table 45. Panasonic Holdings Corporation Extrinsic Optical Sensor Product and Services

Table 46. Panasonic Holdings Corporation Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Panasonic Holdings Corporation Recent Developments/Updates

Table 48. Rockwell Automation Basic Information, Manufacturing Base and Competitors

Table 49. Rockwell Automation Major Business

Table 50. Rockwell Automation Extrinsic Optical Sensor Product and Services

Table 51. Rockwell Automation Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)



|                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 52. Rockwell Automation Recent Developments/Updates                                                                                                                               |
| Table 53. Rohm Basic Information, Manufacturing Base and Competitors                                                                                                                    |
| Table 54. Rohm Major Business                                                                                                                                                           |
| Table 55. Rohm Extrinsic Optical Sensor Product and Services                                                                                                                            |
| Table 56. Rohm Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)                           |
| Table 57. Rohm Recent Developments/Updates                                                                                                                                              |
| Table 58. STMicroelectronics Basic Information, Manufacturing Base and Competitors                                                                                                      |
| Table 59. STMicroelectronics Major Business                                                                                                                                             |
| Table 60. STMicroelectronics Extrinsic Optical Sensor Product and Services                                                                                                              |
| Table 61. STMicroelectronics Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)             |
| Table 62. STMicroelectronics Recent Developments/Updates                                                                                                                                |
| Table 63. Texas Instruments Incorporated Basic Information, Manufacturing Base and Competitors                                                                                          |
| Table 64. Texas Instruments Incorporated Major Business                                                                                                                                 |
| Table 65. Texas Instruments Incorporated Extrinsic Optical Sensor Product and Services                                                                                                  |
| Table 66. Texas Instruments Incorporated Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025) |
| Table 67. Texas Instruments Incorporated Recent Developments/Updates                                                                                                                    |
| Table 68. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors                                                                                                  |
| Table 69. Vishay Intertechnology Major Business                                                                                                                                         |
| Table 70. Vishay Intertechnology Extrinsic Optical Sensor Product and Services                                                                                                          |
| Table 71. Vishay Intertechnology Extrinsic Optical Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)         |
| Table 72. Vishay Intertechnology Recent Developments/Updates                                                                                                                            |
| Table 73. Global Extrinsic Optical Sensor Sales Quantity by Manufacturer (2020-2025) & (K Units)                                                                                        |
| Table 74. Global Extrinsic Optical Sensor Revenue by Manufacturer (2020-2025) & (USD Million)                                                                                           |
| Table 75. Global Extrinsic Optical Sensor Average Price by Manufacturer (2020-2025) & (US\$/Unit)                                                                                       |
| Table 76. Market Position of Manufacturers in Extrinsic Optical Sensor, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024                                                          |

Table 77. Head Office and Extrinsic Optical Sensor Production Site of Key Manufacturer

Table 78. Extrinsic Optical Sensor Market: Company Product Type Footprint

Table 79. Extrinsic Optical Sensor Market: Company Product Application Footprint

Table 80. Extrinsic Optical Sensor New Market Entrants and Barriers to Market Entry

Table 81. Extrinsic Optical Sensor Mergers, Acquisition, Agreements, and Collaborations

Table 82. Global Extrinsic Optical Sensor Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 83. Global Extrinsic Optical Sensor Sales Quantity by Region (2020-2025) & (K Units)

Table 84. Global Extrinsic Optical Sensor Sales Quantity by Region (2026-2031) & (K Units)

Table 85. Global Extrinsic Optical Sensor Consumption Value by Region (2020-2025) & (USD Million)

Table 86. Global Extrinsic Optical Sensor Consumption Value by Region (2026-2031) & (USD Million)

Table 87. Global Extrinsic Optical Sensor Average Price by Region (2020-2025) & (US\$/Unit)

Table 88. Global Extrinsic Optical Sensor Average Price by Region (2026-2031) & (US\$/Unit)

Table 89. Global Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 90. Global Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 91. Global Extrinsic Optical Sensor Consumption Value by Type (2020-2025) & (USD Million)

Table 92. Global Extrinsic Optical Sensor Consumption Value by Type (2026-2031) & (USD Million)

Table 93. Global Extrinsic Optical Sensor Average Price by Type (2020-2025) & (US\$/Unit)

Table 94. Global Extrinsic Optical Sensor Average Price by Type (2026-2031) & (US\$/Unit)

Table 95. Global Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 96. Global Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 97. Global Extrinsic Optical Sensor Consumption Value by Application (2020-2025) & (USD Million)

Table 98. Global Extrinsic Optical Sensor Consumption Value by Application



(2026-2031) & (USD Million)

Table 99. Global Extrinsic Optical Sensor Average Price by Application (2020-2025) & (US\$/Unit)

Table 100. Global Extrinsic Optical Sensor Average Price by Application (2026-2031) & (US\$/Unit)

Table 101. North America Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 102. North America Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 103. North America Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 104. North America Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 105. North America Extrinsic Optical Sensor Sales Quantity by Country (2020-2025) & (K Units)

Table 106. North America Extrinsic Optical Sensor Sales Quantity by Country (2026-2031) & (K Units)

Table 107. North America Extrinsic Optical Sensor Consumption Value by Country (2020-2025) & (USD Million)

Table 108. North America Extrinsic Optical Sensor Consumption Value by Country (2026-2031) & (USD Million)

Table 109. Europe Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 110. Europe Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 111. Europe Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 112. Europe Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 113. Europe Extrinsic Optical Sensor Sales Quantity by Country (2020-2025) & (K Units)

Table 114. Europe Extrinsic Optical Sensor Sales Quantity by Country (2026-2031) & (K Units)

Table 115. Europe Extrinsic Optical Sensor Consumption Value by Country (2020-2025) & (USD Million)

Table 116. Europe Extrinsic Optical Sensor Consumption Value by Country (2026-2031) & (USD Million)

Table 117. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 118. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 119. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 120. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 121. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Region (2020-2025) & (K Units)

Table 122. Asia-Pacific Extrinsic Optical Sensor Sales Quantity by Region (2026-2031) & (K Units)

Table 123. Asia-Pacific Extrinsic Optical Sensor Consumption Value by Region (2020-2025) & (USD Million)

Table 124. Asia-Pacific Extrinsic Optical Sensor Consumption Value by Region (2026-2031) & (USD Million)

Table 125. South America Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 126. South America Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 127. South America Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 128. South America Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 129. South America Extrinsic Optical Sensor Sales Quantity by Country (2020-2025) & (K Units)

Table 130. South America Extrinsic Optical Sensor Sales Quantity by Country (2026-2031) & (K Units)

Table 131. South America Extrinsic Optical Sensor Consumption Value by Country (2020-2025) & (USD Million)

Table 132. South America Extrinsic Optical Sensor Consumption Value by Country (2026-2031) & (USD Million)

Table 133. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Type (2020-2025) & (K Units)

Table 134. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Type (2026-2031) & (K Units)

Table 135. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Application (2020-2025) & (K Units)

Table 136. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Application (2026-2031) & (K Units)

Table 137. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Country

(2020-2025) & (K Units)

Table 138. Middle East & Africa Extrinsic Optical Sensor Sales Quantity by Country

(2026-2031) & (K Units)

Table 139. Middle East & Africa Extrinsic Optical Sensor Consumption Value by Country (2020-2025) & (USD Million)

Table 140. Middle East & Africa Extrinsic Optical Sensor Consumption Value by Country (2026-2031) & (USD Million)

Table 141. Extrinsic Optical Sensor Raw Material

Table 142. Key Manufacturers of Extrinsic Optical Sensor Raw Materials

Table 143. Extrinsic Optical Sensor Typical Distributors

Table 144. Extrinsic Optical Sensor Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Extrinsic Optical Sensor Picture
- Figure 2. Global Extrinsic Optical Sensor Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Extrinsic Optical Sensor Revenue Market Share by Type in 2024
- Figure 4. Fiber Optic Sensor Examples
- Figure 5. Photoelectric Sensor Examples
- Figure 6. Image Sensor Examples
- Figure 7. Others Examples
- Figure 8. Global Extrinsic Optical Sensor Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 9. Global Extrinsic Optical Sensor Revenue Market Share by Application in 2024
- Figure 10. Aerospace and Defense Examples
- Figure 11. Automotive Examples
- Figure 12. Electronic Examples
- Figure 13. Others Examples
- Figure 14. Global Extrinsic Optical Sensor Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 15. Global Extrinsic Optical Sensor Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 16. Global Extrinsic Optical Sensor Sales Quantity (2020-2031) & (K Units)
- Figure 17. Global Extrinsic Optical Sensor Price (2020-2031) & (US\$/Unit)
- Figure 18. Global Extrinsic Optical Sensor Sales Quantity Market Share by Manufacturer in 2024
- Figure 19. Global Extrinsic Optical Sensor Revenue Market Share by Manufacturer in 2024
- Figure 20. Producer Shipments of Extrinsic Optical Sensor by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 21. Top 3 Extrinsic Optical Sensor Manufacturer (Revenue) Market Share in 2024
- Figure 22. Top 6 Extrinsic Optical Sensor Manufacturer (Revenue) Market Share in 2024
- Figure 23. Global Extrinsic Optical Sensor Sales Quantity Market Share by Region (2020-2031)
- Figure 24. Global Extrinsic Optical Sensor Consumption Value Market Share by Region (2020-2031)

Figure 25. North America Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Extrinsic Optical Sensor Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Extrinsic Optical Sensor Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global Extrinsic Optical Sensor Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Extrinsic Optical Sensor Revenue Market Share by Application (2020-2031)

Figure 35. Global Extrinsic Optical Sensor Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Extrinsic Optical Sensor Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Extrinsic Optical Sensor Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Extrinsic Optical Sensor Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe Extrinsic Optical Sensor Sales Quantity Market Share by Application

(2020-2031)

Figure 45. Europe Extrinsic Optical Sensor Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Extrinsic Optical Sensor Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 48. France Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Extrinsic Optical Sensor Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Extrinsic Optical Sensor Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Extrinsic Optical Sensor Consumption Value Market Share by Region (2020-2031)

Figure 56. China Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 59. India Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America Extrinsic Optical Sensor Sales Quantity Market Share by Application (2020-2031)



Figure 64. South America Extrinsic Optical Sensor Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America Extrinsic Optical Sensor Consumption Value Market Share by Country (2020-2031)

Figure 66. Brazil Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa Extrinsic Optical Sensor Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa Extrinsic Optical Sensor Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa Extrinsic Optical Sensor Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa Extrinsic Optical Sensor Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa Extrinsic Optical Sensor Consumption Value (2020-2031) & (USD Million)

Figure 76. Extrinsic Optical Sensor Market Drivers

Figure 77. Extrinsic Optical Sensor Market Restraints

Figure 78. Extrinsic Optical Sensor Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Extrinsic Optical Sensor in 2024

Figure 81. Manufacturing Process Analysis of Extrinsic Optical Sensor

Figure 82. Extrinsic Optical Sensor Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source



## I would like to order

Product name: Global Extrinsic Optical Sensor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G492663EC90AEN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G492663EC90AEN.html>