



Global True Color sensor Industry Growth and Trends Forecast to 2032

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Electronics & Semiconductor	2026-07-06	106	PDF
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USD 3,450	USD 5,175	USD 6,900	

Description

The global True Color sensor market was valued at US\$ million in 2026 and is projected to reach US\$ million by 2032, implying a CAGR of xx% over 2026-2032.

The North America market for True Color sensor is projected to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026-2032.

The Europe market for True Color sensor is projected to increase from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026-2032.

The Asia Pacific market for True Color sensor is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of True Color sensor include ams OSRAM, Rockwell Automation, Banner, Balluff, Micro-Epsilon, Tri-Tronics, Omron Automation, SICK and Sensor Instruments, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report provides a structured, data-driven view of the global True Color sensor market, combining harmonized quantitative metrics with targeted qualitative insight to support business and growth strategy, market positioning, and capital allocation.

The True Color sensor market size, estimates, and forecasts are presented in terms of sales volume (k units) and revenue (US\$ million), with 2025 as the base year and historical and forecast data for 2021-2032. The report segments the global True Color sensor market by Type, Application, region/country, and company, provides regional market sizes at the segment level, profiles the competitive landscape and key players and their market ranks, and reviews technology trends and new product developments relevant to True Color sensor.

Key Companies & Market Share Insights

This section analyzes the strategies and performance of leading manufacturers in the global True Color sensor market, including portfolio focus, innovation and product development, mergers and acquisitions, collaborations, and geographic expansion used to sustain or enhance competitive positions. It also summarizes recent corporate developments and key financial indicators and provides global revenue, price, and sales volume data by manufacturer for 2020-2025, enabling benchmarking of scale, pricing, and market share and supporting assessment of market concentration through indicators such as CR5 and CR10.

True Color sensor Market by Company

ams OSRAM

Rockwell Automation

Banner

Balluff

Micro-Epsilon

Tri-Tronics

Omron Automation

SICK

Sensor Instruments

wenglor

True Color sensor Segment by Type

RGB-based Sensor

XYZ Color Space Sensor

Spectral Color Sensor

True Color sensor Segment by Application

Industrial Automation

Printing and Packaging

Automotive Manufacturing

Food and Beverage

Electronics and Semiconductors

Others

True Color sensor Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global True Color sensor market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of True Color sensor and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of True Color sensor.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3:

Detailed analysis of True Color sensor manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Sales, revenue of True Color sensor in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5:

Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12:

Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global True Color sensor Market Size Estimates and Forecasts (2021-2032)
 - 1.2.2 Global True Color sensor Sales Estimates and Forecasts (2021-2032)
- 1.3 True Color sensor Market by Type
 - 1.3.1 RGB-based Sensor
 - 1.3.2 XYZ Color Space Sensor
 - 1.3.3 Spectral Color Sensor
- 1.4 Global True Color sensor Market Size by Type
 - 1.4.1 Global True Color sensor Market Size Overview by Type (2021-2032)
 - 1.4.2 Global True Color sensor Historic Market Size Review by Type (2021-2026)
 - 1.4.3 Global True Color sensor Forecasted Market Size by Type (2027-2032)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America True Color sensor Sales Breakdown by Type (2021-2026)
 - 1.5.2 Europe True Color sensor Sales Breakdown by Type (2021-2026)
 - 1.5.3 Asia-Pacific True Color sensor Sales Breakdown by Type (2021-2026)
 - 1.5.4 South America True Color sensor Sales Breakdown by Type (2021-2026)
 - 1.5.5 Middle East and Africa True Color sensor Sales Breakdown by Type (2021-2026)

2 Global Market Dynamics

- 2.1 True Color sensor Industry Trends
- 2.2 True Color sensor Industry Drivers
- 2.3 True Color sensor Industry Opportunities and Challenges
- 2.4 True Color sensor Industry Restraints

3 Market Competitive Landscape by Company

- 3.1 Global Top Players by True Color sensor Revenue (2021-2026)
- 3.2 Global Top Players by True Color sensor Sales (2021-2026)
- 3.3 Global Top Players by True Color sensor Price (2021-2026)
- 3.4 Global True Color sensor Industry Company Ranking, 2024 VS 2025 VS 2026
- 3.5 Global True Color sensor Major Company Production Sites & Headquarters
- 3.6 Global True Color sensor Company, Product Type & Application
- 3.7 Global True Color sensor Company Establishment Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global True Color sensor Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 True Color sensor Players Market Share by Revenue in 2025
 - 3.8.3 2025 True Color sensor Tier 1, Tier 2, and Tier 3

4 True Color sensor Regional Status and Outlook

- 4.1 Global True Color sensor Market Size and CAGR by Region: 2021 VS 2025 VS 2032
- 4.2 Global True Color sensor Historic Market Size by Region
 - 4.2.1 Global True Color sensor Sales in Volume by Region (2021-2026)
 - 4.2.2 Global True Color sensor Sales in Value by Region (2021-2026)
 - 4.2.3 Global True Color sensor Sales (Volume & Value), Price and Gross Margin (2021-2026)

- 4.3 Global True Color sensor Forecasted Market Size by Region
 - 4.3.1 Global True Color sensor Sales in Volume by Region (2027-2032)
 - 4.3.2 Global True Color sensor Sales in Value by Region (2027-2032)
 - 4.3.3 Global True Color sensor Sales (Volume & Value), Price and Gross Margin (2027-2032)

5 True Color sensor by Application

- 5.1 True Color sensor Market by Application
 - 5.1.1 Industrial Automation
 - 5.1.2 Printing and Packaging
 - 5.1.3 Automotive Manufacturing
 - 5.1.4 Food and Beverage
 - 5.1.5 Electronics and Semiconductors
 - 5.1.6 Others
- 5.2 Global True Color sensor Market Size by Application
 - 5.2.1 Global True Color sensor Market Size Overview by Application (2021-2032)
 - 5.2.2 Global True Color sensor Historic Market Size Review by Application (2021-2026)
 - 5.2.3 Global True Color sensor Forecasted Market Size by Application (2027-2032)
- 5.3 Key Regions Market Size by Application
 - 5.3.1 North America True Color sensor Sales Breakdown by Application (2021-2026)
 - 5.3.2 Europe True Color sensor Sales Breakdown by Application (2021-2026)
 - 5.3.3 Asia-Pacific True Color sensor Sales Breakdown by Application (2021-2026)
 - 5.3.4 South America True Color sensor Sales Breakdown by Application (2021-2026)
 - 5.3.5 Middle East and Africa True Color sensor Sales Breakdown by Application (2021-2026)

6 Company Profiles

- 6.1 ams OSRAM
 - 6.1.1 ams OSRAM Company Information
 - 6.1.2 ams OSRAM Business Overview
 - 6.1.3 ams OSRAM True Color sensor Sales, Revenue and Gross Margin (2021-2026)
 - 6.1.4 ams OSRAM True Color sensor Product Portfolio
 - 6.1.5 ams OSRAM Recent Developments
- 6.2 Rockwell Automation
 - 6.2.1 Rockwell Automation Company Information
 - 6.2.2 Rockwell Automation Business Overview
 - 6.2.3 Rockwell Automation True Color sensor Sales, Revenue and Gross Margin (2021-2026)
 - 6.2.4 Rockwell Automation True Color sensor Product Portfolio
 - 6.2.5 Rockwell Automation Recent Developments
- 6.3 Banner
 - 6.3.1 Banner Company Information
 - 6.3.2 Banner Business Overview
 - 6.3.3 Banner True Color sensor Sales, Revenue and Gross Margin (2021-2026)
 - 6.3.4 Banner True Color sensor Product Portfolio
 - 6.3.5 Banner Recent Developments
- 6.4 Balluff
 - 6.4.1 Balluff Company Information
 - 6.4.2 Balluff Business Overview
 - 6.4.3 Balluff True Color sensor Sales, Revenue and Gross Margin (2021-2026)
 - 6.4.4 Balluff True Color sensor Product Portfolio
 - 6.4.5 Balluff Recent Developments

6.5 Micro-Epsilon

- 6.5.1 Micro-Epsilon Company Information
- 6.5.2 Micro-Epsilon Business Overview
- 6.5.3 Micro-Epsilon True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.5.4 Micro-Epsilon True Color sensor Product Portfolio
- 6.5.5 Micro-Epsilon Recent Developments

6.6 Tri-Tronics

- 6.6.1 Tri-Tronics Company Information
- 6.6.2 Tri-Tronics Business Overview
- 6.6.3 Tri-Tronics True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.6.4 Tri-Tronics True Color sensor Product Portfolio
- 6.6.5 Tri-Tronics Recent Developments

6.7 Omron Automation

- 6.7.1 Omron Automation Company Information
- 6.7.2 Omron Automation Business Overview
- 6.7.3 Omron Automation True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.7.4 Omron Automation True Color sensor Product Portfolio
- 6.7.5 Omron Automation Recent Developments

6.8 SICK

- 6.8.1 SICK Company Information
- 6.8.2 SICK Business Overview
- 6.8.3 SICK True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.8.4 SICK True Color sensor Product Portfolio
- 6.8.5 SICK Recent Developments

6.9 Sensor Instruments

- 6.9.1 Sensor Instruments Company Information
- 6.9.2 Sensor Instruments Business Overview
- 6.9.3 Sensor Instruments True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.9.4 Sensor Instruments True Color sensor Product Portfolio
- 6.9.5 Sensor Instruments Recent Developments

6.10 wenglor

- 6.10.1 wenglor Company Information
- 6.10.2 wenglor Business Overview
- 6.10.3 wenglor True Color sensor Sales, Revenue and Gross Margin (2021-2026)
- 6.10.4 wenglor True Color sensor Product Portfolio
- 6.10.5 wenglor Recent Developments

7 North America by Country

- 7.1 North America True Color sensor Sales by Country
 - 7.1.1 North America True Color sensor Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 7.1.2 North America True Color sensor Sales by Country (2021-2026)
 - 7.1.3 North America True Color sensor Sales Forecast by Country (2027-2032)
- 7.2 North America True Color sensor Market Size by Country
 - 7.2.1 North America True Color sensor Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 7.2.2 North America True Color sensor Market Size by Country (2021-2026)
 - 7.2.3 North America True Color sensor Market Size Forecast by Country (2027-2032)

8 Europe by Country

- 8.1 Europe True Color sensor Sales by Country

8.1.1 Europe True Color sensor Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

8.1.2 Europe True Color sensor Sales by Country (2021-2026)

8.1.3 Europe True Color sensor Sales Forecast by Country (2027-2032)

8.2 Europe True Color sensor Market Size by Country

8.2.1 Europe True Color sensor Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

8.2.2 Europe True Color sensor Market Size by Country (2021-2026)

8.2.3 Europe True Color sensor Market Size Forecast by Country (2027-2032)

9 Asia-Pacific by Country

9.1 Asia-Pacific True Color sensor Sales by Country

9.1.1 Asia-Pacific True Color sensor Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

9.1.2 Asia-Pacific True Color sensor Sales by Country (2021-2026)

9.1.3 Asia-Pacific True Color sensor Sales Forecast by Country (2027-2032)

9.2 Asia-Pacific True Color sensor Market Size by Country

9.2.1 Asia-Pacific True Color sensor Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

9.2.2 Asia-Pacific True Color sensor Market Size by Country (2021-2026)

9.2.3 Asia-Pacific True Color sensor Market Size Forecast by Country (2027-2032)

10 South America by Country

10.1 South America True Color sensor Sales by Country

10.1.1 South America True Color sensor Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

10.1.2 South America True Color sensor Sales by Country (2021-2026)

10.1.3 South America True Color sensor Sales Forecast by Country (2027-2032)

10.2 South America True Color sensor Market Size by Country

10.2.1 South America True Color sensor Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

10.2.2 South America True Color sensor Market Size by Country (2021-2026)

10.2.3 South America True Color sensor Market Size Forecast by Country (2027-2032)

11 Middle East and Africa by Country

11.1 Middle East and Africa True Color sensor Sales by Country

11.1.1 Middle East and Africa True Color sensor Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

11.1.2 Middle East and Africa True Color sensor Sales by Country (2021-2026)

11.1.3 Middle East and Africa True Color sensor Sales Forecast by Country (2027-2032)

11.2 Middle East and Africa True Color sensor Market Size by Country

11.2.1 Middle East and Africa True Color sensor Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032

11.2.2 Middle East and Africa True Color sensor Market Size by Country (2021-2026)

11.2.3 Middle East and Africa True Color sensor Market Size Forecast by Country (2027-2032)

12 Value Chain and Sales Channels Analysis

12.1 True Color sensor Value Chain Analysis

12.1.1 True Color sensor Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 True Color sensor Production Mode & Process

12.2 True Color sensor Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 True Color sensor Distributors

12.2.3 True Color sensor Customers

13 Concluding Insights

14 Appendix

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Major Company of RGB-based Sensor
- Table 2: Major Company of XYZ Color Space Sensor
- Table 3: Major Company of Spectral Color Sensor
- Table 4: Global True Color sensor Sales by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global True Color sensor Sales by Type (2021-2026) & (k units)
- Table 6: Global True Color sensor Sales Market Share in Volume by Type (2021-2026)
- Table 7: Global True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 8: Global True Color sensor Sales Market Share in Value by Type (2021-2026)
- Table 9: Global True Color sensor Price by Type (2021-2026) & (USD/unit)
- Table 10: Global True Color sensor Sales by Type (2027-2032) & (k units)
- Table 11: Global True Color sensor Sales Market Share in Volume by Type (2027-2032)
- Table 12: Global True Color sensor Sales by Type (2027-2032) & (US\$ Million)
- Table 13: Global True Color sensor Sales Market Share in Value by Type (2027-2032)
- Table 14: Global True Color sensor Price by Type (2027-2032) & (USD/unit)
- Table 15: North America True Color sensor Sales by Type (2021-2026) & (k units)
- Table 16: North America True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 17: Europe True Color sensor Sales by Type (2021-2026) & (k units)
- Table 18: Europe True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 19: Asia-Pacific True Color sensor Sales by Type (2021-2026) & (k units)
- Table 20: Asia-Pacific True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 21: Latin America True Color sensor Sales by Type (2021-2026) & (k units)
- Table 22: Latin America True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 23: Middle East and Africa True Color sensor Sales by Type (2021-2026) & (k units)
- Table 24: Middle East and Africa True Color sensor Sales by Type (2021-2026) & (US\$ Million)
- Table 25: True Color sensor Industry Trends
- Table 26: True Color sensor Industry Drivers
- Table 27: True Color sensor Industry Opportunities and Challenges
- Table 28: True Color sensor Industry Restraints
- Table 29: Global True Color sensor Sales Revenue by Company (US\$ Million) & (2021-2026)
- Table 30: Global True Color sensor Revenue Market Share by Company (2021-2026)
- Table 31: Global True Color sensor Sales by Company (2021-2026) & (k units)
- Table 32: Global True Color sensor Sales Share by Company (2021-2026)
- Table 33: Global True Color sensor Market Price by Company (2021-2026) & (USD/unit)
- Table 34: Global True Color sensor Industry Company Ranking, 2024 VS 2025 VS 2026
- Table 35: Global True Color sensor Major Company Production Sites and Headquarters
- Table 36: Global True Color sensor Company, Product Type & Application
- Table 37: Global True Color sensor Company Establishment Date
- Table 38: Global Company Market Concentration Ratio (CR5 and HHI)
- Table 39: Global True Color sensor by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 40: Global True Color sensor Market Size Comparison by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 41: Global True Color sensor Sales by Region (2021-2026) & (k units)
- Table 42: Global True Color sensor Sales Market Share in Volume by Region (2021-2026)
- Table 43: Global True Color sensor Sales by Region (2021-2026) & (US\$ Million)
- Table 44: Global True Color sensor Sales Market Share in Value by Region (2021-2026)
- Table 45: Global True Color sensor Sales (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 46: Global True Color sensor Sales by Region (2027-2032) & (k units)
- Table 47: Global True Color sensor Sales Market Share in Volume by Region (2027-2032)
- Table 48: Global True Color sensor Sales by Region (2027-2032) & (US\$ Million)
- Table 49: Global True Color sensor Sales Market Share in Value by Region (2027-2032)
- Table 50: Global True Color sensor Sales (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2027-2032)
- Table 51: Global True Color sensor Sales by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 52: Global True Color sensor Sales by Application (2021-2026) & (k units)
- Table 53: Global True Color sensor Sales Market Share in Volume by Application (2021-2026)
- Table 54: Global True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 55: Global True Color sensor Sales Market Share in Value by Application (2021-2026)

- Table 56: Global True Color sensor Price by Application (2021-2026) & (USD/unit)
- Table 57: Global True Color sensor Sales by Application (2027-2032) & (k units)
- Table 58: Global True Color sensor Sales Market Share in Volume by Application (2027-2032)
- Table 59: Global True Color sensor Sales by Application (2027-2032) & (US\$ Million)
- Table 60: Global True Color sensor Sales Market Share in Value by Application (2027-2032)
- Table 61: Global True Color sensor Price by Application (2027-2032) & (USD/unit)
- Table 62: North America True Color sensor Sales by Application (2021-2026) & (k units)
- Table 63: North America True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 64: Europe True Color sensor Sales by Application (2021-2026) & (k units)
- Table 65: Europe True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 66: Asia-Pacific True Color sensor Sales by Application (2021-2026) & (k units)
- Table 67: Asia-Pacific True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 68: Latin America True Color sensor Sales by Application (2021-2026) & (k units)
- Table 69: Latin America True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 70: Middle East and Africa True Color sensor Sales by Application (2021-2026) & (k units)
- Table 71: Middle East and Africa True Color sensor Sales by Application (2021-2026) & (US\$ Million)
- Table 72: ams OSRAM Company Information
- Table 73: ams OSRAM Business Overview
- Table 74: ams OSRAM True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: ams OSRAM True Color sensor Product Portfolio
- Table 76: ams OSRAM Recent Development
- Table 77: Rockwell Automation Company Information
- Table 78: Rockwell Automation Business Overview
- Table 79: Rockwell Automation True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Rockwell Automation True Color sensor Product Portfolio
- Table 81: Rockwell Automation Recent Development
- Table 82: Banner Company Information
- Table 83: Banner Business Overview
- Table 84: Banner True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: Banner True Color sensor Product Portfolio
- Table 86: Banner Recent Development
- Table 87: Balluff Company Information
- Table 88: Balluff Business Overview
- Table 89: Balluff True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: Balluff True Color sensor Product Portfolio
- Table 91: Balluff Recent Development
- Table 92: Micro-Epsilon Company Information
- Table 93: Micro-Epsilon Business Overview
- Table 94: Micro-Epsilon True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: Micro-Epsilon True Color sensor Product Portfolio
- Table 96: Micro-Epsilon Recent Development
- Table 97: Tri-Tronics Company Information
- Table 98: Tri-Tronics Business Overview
- Table 99: Tri-Tronics True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 100: Tri-Tronics True Color sensor Product Portfolio
- Table 101: Tri-Tronics Recent Development
- Table 102: Omron Automation Company Information
- Table 103: Omron Automation Business Overview
- Table 104: Omron Automation True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: Omron Automation True Color sensor Product Portfolio
- Table 106: Omron Automation Recent Development
- Table 107: SICK Company Information
- Table 108: SICK Business Overview
- Table 109: SICK True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 110: SICK True Color sensor Product Portfolio
- Table 111: SICK Recent Development
- Table 112: Sensor Instruments Company Information
- Table 113: Sensor Instruments Business Overview
- Table 114: Sensor Instruments True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)

- Table 115: Sensor Instruments True Color sensor Product Portfolio
- Table 116: Sensor Instruments Recent Development
- Table 117: wenglor Company Information
- Table 118: wenglor Business Overview
- Table 119: wenglor True Color sensor Sales (k units), Revenue (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 120: wenglor True Color sensor Product Portfolio
- Table 121: wenglor Recent Development
- Table 122: North America True Color sensor Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 123: North America True Color sensor Sales by Country (2021-2026) & (k units)
- Table 124: North America True Color sensor Sales Market Share by Country (2021-2026)
- Table 125: North America True Color sensor Sales Forecast by Country (2027-2032) & (k units)
- Table 126: North America True Color sensor Sales Market Share Forecast by Country (2027-2032)
- Table 127: North America True Color sensor Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 128: North America True Color sensor Market Size by Country (2021-2026) & (US\$ Million)
- Table 129: North America True Color sensor Market Share by Country (2021-2026)
- Table 130: North America True Color sensor Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 131: North America True Color sensor Market Share Forecast by Country (2027-2032)
- Table 132: Europe True Color sensor Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 133: Europe True Color sensor Sales by Country (2021-2026) & (k units)
- Table 134: Europe True Color sensor Sales Market Share by Country (2021-2026)
- Table 135: Europe True Color sensor Sales Forecast by Country (2027-2032) & (k units)
- Table 136: Europe True Color sensor Sales Market Share Forecast by Country (2027-2032)
- Table 137: Europe True Color sensor Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 138: Europe True Color sensor Market Size by Country (2021-2026) & (US\$ Million)
- Table 139: Europe True Color sensor Market Share by Country (2021-2026)
- Table 140: Europe True Color sensor Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 141: Europe True Color sensor Market Share Forecast by Country (2027-2032)
- Table 142: Asia-Pacific True Color sensor Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 143: Asia-Pacific True Color sensor Sales by Country (2021-2026) & (k units)
- Table 144: Asia-Pacific True Color sensor Sales Market Share by Country (2021-2026)
- Table 145: Asia-Pacific True Color sensor Sales Forecast by Country (2027-2032) & (k units)
- Table 146: Asia-Pacific True Color sensor Sales Market Share Forecast by Country (2027-2032)
- Table 147: Asia-Pacific True Color sensor Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 148: Asia-Pacific True Color sensor Market Size by Country (2021-2026) & (US\$ Million)
- Table 149: Asia-Pacific True Color sensor Market Share by Country (2021-2026)
- Table 150: Asia-Pacific True Color sensor Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 151: Asia-Pacific True Color sensor Market Share Forecast by Country (2027-2032)
- Table 152: Latin America True Color sensor Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 153: Latin America True Color sensor Sales by Country (2021-2026) & (k units)
- Table 154: Latin America True Color sensor Sales Market Share by Country (2021-2026)
- Table 155: Latin America True Color sensor Sales Forecast by Country (2027-2032) & (k units)
- Table 156: Latin America True Color sensor Sales Market Share Forecast by Country (2027-2032)
- Table 157: Latin America True Color sensor Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 158: Latin America True Color sensor Market Size by Country (2021-2026) & (US\$ Million)
- Table 159: Latin America True Color sensor Market Share by Country (2021-2026)
- Table 160: Latin America True Color sensor Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 161: Latin America True Color sensor Market Share Forecast by Country (2027-2032)
- Table 162: Middle East and Africa True Color sensor Market Size Growth Rate (CAGR) by Country (k units): 2021 VS 2025 VS 2032
- Table 163: Middle East and Africa True Color sensor Sales by Country (2021-2026) & (k units)
- Table 164: Middle East and Africa True Color sensor Sales Market Share by Country (2021-2026)
- Table 165: Middle East and Africa True Color sensor Sales Forecast by Country (2027-2032) & (k units)
- Table 166: Middle East and Africa True Color sensor Sales Market Share Forecast by Country (2027-2032)
- Table 167: Middle East and Africa True Color sensor Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 168: Middle East and Africa True Color sensor Market Size by Country (2021-2026) & (US\$ Million)
- Table 169: Middle East and Africa True Color sensor Market Share by Country (2021-2026)
- Table 170: Middle East and Africa True Color sensor Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 171: Middle East and Africa True Color sensor Market Share Forecast by Country (2027-2032)
- Table 172: Key Raw Materials
- Table 173: Raw Materials Key Suppliers
- Table 174: True Color sensor Distributors List
- Table 175: True Color sensor Customers List

- Table 176: Research Programs/Design for This Report
- Table 177: Authors List of This Report
- Table 178: Secondary Sources
- Table 179: Primary Sources

List of Figures:

- Figure 1: True Color sensor Image
- Figure 2: Global True Color sensor Market Size (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global True Color sensor Market Size (2021-2032) & (US\$ Million)
- Figure 4: Global True Color sensor Sales (2021-2032) & (k units)
- Figure 5: RGB-based Sensor Image
- Figure 6: Global RGB-based Sensor Sales YoY Growth (2021-2032) & (k units)
- Figure 7: XYZ Color Space Sensor Image
- Figure 8: Global XYZ Color Space Sensor Sales YoY Growth (2021-2032) & (k units)
- Figure 9: Spectral Color Sensor Image
- Figure 10: Global Spectral Color Sensor Sales YoY Growth (2021-2032) & (k units)
- Figure 11: Global True Color sensor Market Size Overview by Type (2021-2032) & (US\$ Million)
- Figure 12: Global True Color sensor Market Share by Type 2025 VS 2032
- Figure 13: North America True Color sensor Sales Market Share in Volume by Type in 2025
- Figure 14: North America True Color sensor Sales Market Share in Value by Type in 2025
- Figure 15: Europe True Color sensor Sales Market Share in Volume by Type in 2025
- Figure 16: Europe True Color sensor Sales Market Share in Value by Type in 2025
- Figure 17: Asia-Pacific True Color sensor Sales Market Share in Volume by Type in 2025
- Figure 18: Asia-Pacific True Color sensor Sales Market Share in Value by Type in 2025
- Figure 19: Latin America True Color sensor Sales Market Share in Volume by Type in 2025
- Figure 20: Latin America True Color sensor Sales Market Share in Value by Type in 2025
- Figure 21: Middle East and Africa True Color sensor Sales Market Share in Volume by Type in 2025
- Figure 22: Middle East and Africa True Color sensor Sales Market Share in Value by Type in 2025
- Figure 23: Global Top 5 and 10 True Color sensor Players Market Share by Revenue in 2025
- Figure 24: Company Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 25: Industrial Automation Image
- Figure 26: Global Industrial Automation Sales YoY Growth (2021-2032) & (k units)
- Figure 27: Printing and Packaging Image
- Figure 28: Global Printing and Packaging Sales YoY Growth (2021-2032) & (k units)
- Figure 29: Automotive Manufacturing Image
- Figure 30: Global Automotive Manufacturing Sales YoY Growth (2021-2032) & (k units)
- Figure 31: Food and Beverage Image
- Figure 32: Global Food and Beverage Sales YoY Growth (2021-2032) & (k units)
- Figure 33: Electronics and Semiconductors Image
- Figure 34: Global Electronics and Semiconductors Sales YoY Growth (2021-2032) & (k units)
- Figure 35: Others Image
- Figure 36: Global Others Sales YoY Growth (2021-2032) & (k units)
- Figure 37: Global True Color sensor Market Size Overview by Application (2021-2032) & (US\$ Million)
- Figure 38: Global True Color sensor Market Share by Application 2025 VS 2032
- Figure 39: North America True Color sensor Sales Market Share in Volume by Application in 2025
- Figure 40: North America True Color sensor Sales Market Share in Value by Application in 2025
- Figure 41: Europe True Color sensor Sales Market Share in Volume by Application in 2025
- Figure 42: Europe True Color sensor Sales Market Share in Value by Application in 2025
- Figure 43: Asia-Pacific True Color sensor Sales Market Share in Volume by Application in 2025
- Figure 44: Asia-Pacific True Color sensor Sales Market Share in Value by Application in 2025
- Figure 45: Latin America True Color sensor Sales Market Share in Volume by Application in 2025
- Figure 46: Latin America True Color sensor Sales Market Share in Value by Application in 2025
- Figure 47: Middle East and Africa True Color sensor Sales Market Share in Volume by Application in 2025
- Figure 48: Middle East and Africa True Color sensor Sales Market Share in Value by Application in 2025
- Figure 49: North America True Color sensor Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 50: North America True Color sensor Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 51: North America True Color sensor Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 52: North America True Color sensor Market Share by Country: 2021 VS 2025 VS 2032
- Figure 53: Europe True Color sensor Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 54: Europe True Color sensor Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 55: Europe True Color sensor Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 56: Europe True Color sensor Market Share by Country: 2021 VS 2025 VS 2032
- Figure 57: Asia-Pacific True Color sensor Sales by Country: 2021 VS 2025 VS 2032 (k units)

- Figure 58: Asia-Pacific True Color sensor Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 59: Asia-Pacific True Color sensor Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 60: Asia-Pacific True Color sensor Market Share by Country: 2021 VS 2025 VS 2032
- Figure 61: Latin America True Color sensor Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 62: Latin America True Color sensor Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 63: Latin America True Color sensor Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 64: Latin America True Color sensor Market Share by Country: 2021 VS 2025 VS 2032
- Figure 65: Middle East and Africa True Color sensor Sales by Country: 2021 VS 2025 VS 2032 (k units)
- Figure 66: Middle East and Africa True Color sensor Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 67: Middle East and Africa True Color sensor Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 68: Middle East and Africa True Color sensor Market Share by Country: 2021 VS 2025 VS 2032
- Figure 69: True Color sensor Value Chain
- Figure 70: Key Raw Materials Price
- Figure 71: Manufacturing Cost Structure
- Figure 72: True Color sensor Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Years Considered
- Figure 76: Research Process
- Figure 77: Key Executives Interviewed