

Global Shortwave Radiation Sensor Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD021FEB05BDEN.html>

Date: July 2026

Pages: 141

Price: US\$ 4,480.00 (Single User License)

ID: GD021FEB05BDEN

Abstracts

The global Shortwave Radiation Sensor market size is expected to reach \$ 258 million by 2032, rising at a market growth of 5.5% CAGR during the forecast period (2026-2032).

A shortwave radiation sensor is an environmental and energy monitoring instrument used to measure solar shortwave radiation energy. Its core function is to capture global solar irradiance, diffuse irradiance, plane-of-array irradiance, albedo-related radiation, or sunshine status data generated by specific algorithms on a horizontal plane, tilted plane, or equipment mounting plane, and convert these measurements into millivolt, voltage, current, RS485 Modbus, SDI-12, or IoT communication signals. These products typically adopt technical approaches such as thermopile blackbody absorption, silicon photodetection, optical domes, diffusers, temperature compensation, leveling adjustment, anti-condensation heating, digital diagnostics, and factory calibration. Common delivery forms include standalone probes, smart digital sensors, monitoring kits with data loggers, and integrated weather-station modules. Major customers come from photovoltaic plant performance assessment, meteorological and climate observation, agricultural and ecological monitoring, hydrological evapotranspiration research, building energy management, material aging testing, and environmental research. Their value lies in providing continuous and traceable solar radiation data that can be used for model calculations, thereby supporting power-generation efficiency assessment, resource evaluation, equipment operation and maintenance, crop growth analysis, and environmental process research.

This report studies the global Shortwave Radiation Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Shortwave Radiation Sensor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Shortwave Radiation Sensor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Shortwave Radiation Sensor total production and demand, 2021-2032, (Units)
Global Shortwave Radiation Sensor total production value, 2021-2032, (USD Million)
Global Shortwave Radiation Sensor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Shortwave Radiation Sensor consumption by region & country, CAGR, 2021-2032 & (Units)
U.S. VS China: Shortwave Radiation Sensor domestic production, consumption, key domestic manufacturers and share
Global Shortwave Radiation Sensor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)
Global Shortwave Radiation Sensor production by Detection Principle, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Shortwave Radiation Sensor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Shortwave Radiation Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include OTT HydroMet B.V., Hukx B.V., EKO Instruments Co., Ltd., Apogee Instruments, Inc., Campbell Scientific, Inc., Delta-T Devices Ltd., Onset Computer Corporation, METER Group, Inc., NRG Systems, Inc., LI-COR Environmental, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Shortwave Radiation Sensor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Detection Principle, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Shortwave Radiation Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Shortwave Radiation Sensor Market, Segmentation by Detection Principle:

Thermopile

Silicon Photovoltaic

Other

Global Shortwave Radiation Sensor Market, Segmentation by Precision Grade:

Class A

Class B

Class C

Other

Global Shortwave Radiation Sensor Market, Segmentation by Output Interface:

Passive Millivolt Output

Analog Voltage Output

Analog Current Output

RS485 Modbus Output

SDI-12 Output

Wireless IoT Output

Other

Global Shortwave Radiation Sensor Market, Segmentation by Application:

Photovoltaic Plant Performance Monitoring

Meteorological and Climate Observation

Agricultural Ecological and Hydrological Monitoring

Building Energy Management

Material Aging and Environmental Testing

Other

Companies Profiled:

OTT HydroMet B.V.

Hukx B.V.

EKO Instruments Co., Ltd.

Apogee Instruments, Inc.

Campbell Scientific, Inc.

Delta-T Devices Ltd.

Onset Computer Corporation

METER Group, Inc.

NRG Systems, Inc.

LI-COR Environmental

LAMBRECHT meteo GmbH

Adolf Thies GmbH & Co. KG

Senseca Italy S.r.l.

Solar Light Company, LLC

IMT Technology GmbH

Skye Instruments Ltd.

Hunan Rika Electronic Tech Co., Ltd.

Shandong Renke Control Technology Co., Ltd.

Shandong Tianhe Environment Technology Co., Ltd.

Seed Technology Co., Ltd.

Key Questions Answered:

1. How big is the global Shortwave Radiation Sensor market?
2. What is the demand of the global Shortwave Radiation Sensor market?
3. What is the year over year growth of the global Shortwave Radiation Sensor market?
4. What is the production and production value of the global Shortwave Radiation Sensor market?
5. Who are the key producers in the global Shortwave Radiation Sensor market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Shortwave Radiation Sensor Introduction
- 1.2 World Shortwave Radiation Sensor Supply & Forecast
 - 1.2.1 World Shortwave Radiation Sensor Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Shortwave Radiation Sensor Production (2021-2032)
 - 1.2.3 World Shortwave Radiation Sensor Pricing Trends (2021-2032)
- 1.3 World Shortwave Radiation Sensor Production by Region (Based on Production Site)
 - 1.3.1 World Shortwave Radiation Sensor Production Value by Region (2021-2032)
 - 1.3.2 World Shortwave Radiation Sensor Production by Region (2021-2032)
 - 1.3.3 World Shortwave Radiation Sensor Average Price by Region (2021-2032)
 - 1.3.4 North America Shortwave Radiation Sensor Production (2021-2032)
 - 1.3.5 Europe Shortwave Radiation Sensor Production (2021-2032)
 - 1.3.6 China Shortwave Radiation Sensor Production (2021-2032)
 - 1.3.7 Japan Shortwave Radiation Sensor Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Shortwave Radiation Sensor Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Shortwave Radiation Sensor Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Shortwave Radiation Sensor Demand (2021-2032)
- 2.2 World Shortwave Radiation Sensor Consumption by Region
 - 2.2.1 World Shortwave Radiation Sensor Consumption by Region (2021-2026)
 - 2.2.2 World Shortwave Radiation Sensor Consumption Forecast by Region (2027-2032)
- 2.3 United States Shortwave Radiation Sensor Consumption (2021-2032)
- 2.4 China Shortwave Radiation Sensor Consumption (2021-2032)
- 2.5 Europe Shortwave Radiation Sensor Consumption (2021-2032)
- 2.6 Japan Shortwave Radiation Sensor Consumption (2021-2032)
- 2.7 South Korea Shortwave Radiation Sensor Consumption (2021-2032)
- 2.8 ASEAN Shortwave Radiation Sensor Consumption (2021-2032)
- 2.9 India Shortwave Radiation Sensor Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Shortwave Radiation Sensor Production Value by Manufacturer (2021-2026)
- 3.2 World Shortwave Radiation Sensor Production by Manufacturer (2021-2026)
- 3.3 World Shortwave Radiation Sensor Average Price by Manufacturer (2021-2026)
- 3.4 Shortwave Radiation Sensor Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Shortwave Radiation Sensor Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Shortwave Radiation Sensor in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Shortwave Radiation Sensor in 2025
- 3.6 Shortwave Radiation Sensor Market: Overall Company Footprint Analysis
 - 3.6.1 Shortwave Radiation Sensor Market: Region Footprint
 - 3.6.2 Shortwave Radiation Sensor Market: Company Product Type Footprint
 - 3.6.3 Shortwave Radiation Sensor Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Shortwave Radiation Sensor Production Value Comparison
 - 4.1.1 United States VS China: Shortwave Radiation Sensor Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Shortwave Radiation Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Shortwave Radiation Sensor Production Comparison
 - 4.2.1 United States VS China: Shortwave Radiation Sensor Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Shortwave Radiation Sensor Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Shortwave Radiation Sensor Consumption Comparison
 - 4.3.1 United States VS China: Shortwave Radiation Sensor Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Shortwave Radiation Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Shortwave Radiation Sensor Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Shortwave Radiation Sensor Production Value (2021-2026)

4.4.3 United States Based Manufacturers Shortwave Radiation Sensor Production (2021-2026)

4.5 China Based Shortwave Radiation Sensor Manufacturers and Market Share

4.5.1 China Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Shortwave Radiation Sensor Production Value (2021-2026)

4.5.3 China Based Manufacturers Shortwave Radiation Sensor Production (2021-2026)

4.6 Rest of World Based Shortwave Radiation Sensor Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Shortwave Radiation Sensor Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Shortwave Radiation Sensor Production (2021-2026)

5 MARKET ANALYSIS BY DETECTION PRINCIPLE

5.1 World Shortwave Radiation Sensor Market Size Overview by Detection Principle: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Detection Principle

5.2.1 Thermopile

5.2.2 Silicon Photovoltaic

5.2.3 Other

5.3 Market Segment by Detection Principle

5.3.1 World Shortwave Radiation Sensor Production by Detection Principle (2021-2032)

5.3.2 World Shortwave Radiation Sensor Production Value by Detection Principle (2021-2032)

5.3.3 World Shortwave Radiation Sensor Average Price by Detection Principle (2021-2032)

6 MARKET ANALYSIS BY PRECISION GRADE

6.1 World Shortwave Radiation Sensor Market Size Overview by Precision Grade: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Precision Grade

6.2.1 Class A

6.2.2 Class B

6.2.3 Class C

6.2.4 Other

6.3 Market Segment by Precision Grade

6.3.1 World Shortwave Radiation Sensor Production by Precision Grade (2021-2032)

6.3.2 World Shortwave Radiation Sensor Production Value by Precision Grade (2021-2032)

6.3.3 World Shortwave Radiation Sensor Average Price by Precision Grade (2021-2032)

7 MARKET ANALYSIS BY OUTPUT INTERFACE

7.1 World Shortwave Radiation Sensor Market Size Overview by Output Interface: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Output Interface

7.2.1 Passive Millivolt Output

7.2.2 Analog Voltage Output

7.2.3 Analog Current Output

7.2.4 RS485 Modbus Output

7.2.5 SDI-12 Output

7.2.6 Wireless IoT Output

7.2.7 Other

7.3 Market Segment by Output Interface

7.3.1 World Shortwave Radiation Sensor Production by Output Interface (2021-2032)

7.3.2 World Shortwave Radiation Sensor Production Value by Output Interface (2021-2032)

7.3.3 World Shortwave Radiation Sensor Average Price by Output Interface (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Shortwave Radiation Sensor Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

- 8.2.1 Photovoltaic Plant Performance Monitoring
- 8.2.2 Meteorological and Climate Observation
- 8.2.3 Agricultural Ecological and Hydrological Monitoring
- 8.2.4 Building Energy Management
- 8.2.5 Material Aging and Environmental Testing
- 8.2.6 Other

8.3 Market Segment by Application

- 8.3.1 World Shortwave Radiation Sensor Production by Application (2021-2032)
- 8.3.2 World Shortwave Radiation Sensor Production Value by Application (2021-2032)
- 8.3.3 World Shortwave Radiation Sensor Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 OTT HydroMet B.V.

- 9.1.1 OTT HydroMet B.V. Details
- 9.1.2 OTT HydroMet B.V. Major Business
- 9.1.3 OTT HydroMet B.V. Shortwave Radiation Sensor Product and Services
- 9.1.4 OTT HydroMet B.V. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 OTT HydroMet B.V. Recent Developments/Updates
- 9.1.6 OTT HydroMet B.V. Competitive Strengths & Weaknesses

9.2 Hukx B.V.

- 9.2.1 Hukx B.V. Details
- 9.2.2 Hukx B.V. Major Business
- 9.2.3 Hukx B.V. Shortwave Radiation Sensor Product and Services
- 9.2.4 Hukx B.V. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 Hukx B.V. Recent Developments/Updates
- 9.2.6 Hukx B.V. Competitive Strengths & Weaknesses

9.3 EKO Instruments Co., Ltd.

- 9.3.1 EKO Instruments Co., Ltd. Details
- 9.3.2 EKO Instruments Co., Ltd. Major Business
- 9.3.3 EKO Instruments Co., Ltd. Shortwave Radiation Sensor Product and Services
- 9.3.4 EKO Instruments Co., Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.3.5 EKO Instruments Co., Ltd. Recent Developments/Updates
- 9.3.6 EKO Instruments Co., Ltd. Competitive Strengths & Weaknesses

9.4 Apogee Instruments, Inc.

- 9.4.1 Apogee Instruments, Inc. Details

- 9.4.2 Apogee Instruments, Inc. Major Business
- 9.4.3 Apogee Instruments, Inc. Shortwave Radiation Sensor Product and Services
- 9.4.4 Apogee Instruments, Inc. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.4.5 Apogee Instruments, Inc. Recent Developments/Updates
- 9.4.6 Apogee Instruments, Inc. Competitive Strengths & Weaknesses
- 9.5 Campbell Scientific, Inc.
 - 9.5.1 Campbell Scientific, Inc. Details
 - 9.5.2 Campbell Scientific, Inc. Major Business
 - 9.5.3 Campbell Scientific, Inc. Shortwave Radiation Sensor Product and Services
 - 9.5.4 Campbell Scientific, Inc. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Campbell Scientific, Inc. Recent Developments/Updates
 - 9.5.6 Campbell Scientific, Inc. Competitive Strengths & Weaknesses
- 9.6 Delta-T Devices Ltd.
 - 9.6.1 Delta-T Devices Ltd. Details
 - 9.6.2 Delta-T Devices Ltd. Major Business
 - 9.6.3 Delta-T Devices Ltd. Shortwave Radiation Sensor Product and Services
 - 9.6.4 Delta-T Devices Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Delta-T Devices Ltd. Recent Developments/Updates
 - 9.6.6 Delta-T Devices Ltd. Competitive Strengths & Weaknesses
- 9.7 Onset Computer Corporation
 - 9.7.1 Onset Computer Corporation Details
 - 9.7.2 Onset Computer Corporation Major Business
 - 9.7.3 Onset Computer Corporation Shortwave Radiation Sensor Product and Services
 - 9.7.4 Onset Computer Corporation Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Onset Computer Corporation Recent Developments/Updates
 - 9.7.6 Onset Computer Corporation Competitive Strengths & Weaknesses
- 9.8 METER Group, Inc.
 - 9.8.1 METER Group, Inc. Details
 - 9.8.2 METER Group, Inc. Major Business
 - 9.8.3 METER Group, Inc. Shortwave Radiation Sensor Product and Services
 - 9.8.4 METER Group, Inc. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 METER Group, Inc. Recent Developments/Updates
 - 9.8.6 METER Group, Inc. Competitive Strengths & Weaknesses
- 9.9 NRG Systems, Inc.

- 9.9.1 NRG Systems, Inc. Details
- 9.9.2 NRG Systems, Inc. Major Business
- 9.9.3 NRG Systems, Inc. Shortwave Radiation Sensor Product and Services
- 9.9.4 NRG Systems, Inc. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.9.5 NRG Systems, Inc. Recent Developments/Updates
- 9.9.6 NRG Systems, Inc. Competitive Strengths & Weaknesses
- 9.10 LI-COR Environmental
- 9.10.1 LI-COR Environmental Details
- 9.10.2 LI-COR Environmental Major Business
- 9.10.3 LI-COR Environmental Shortwave Radiation Sensor Product and Services
- 9.10.4 LI-COR Environmental Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 LI-COR Environmental Recent Developments/Updates
- 9.10.6 LI-COR Environmental Competitive Strengths & Weaknesses
- 9.11 LAMBRECHT meteo GmbH
- 9.11.1 LAMBRECHT meteo GmbH Details
- 9.11.2 LAMBRECHT meteo GmbH Major Business
- 9.11.3 LAMBRECHT meteo GmbH Shortwave Radiation Sensor Product and Services
- 9.11.4 LAMBRECHT meteo GmbH Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.11.5 LAMBRECHT meteo GmbH Recent Developments/Updates
- 9.11.6 LAMBRECHT meteo GmbH Competitive Strengths & Weaknesses
- 9.12 Adolf Thies GmbH & Co. KG
- 9.12.1 Adolf Thies GmbH & Co. KG Details
- 9.12.2 Adolf Thies GmbH & Co. KG Major Business
- 9.12.3 Adolf Thies GmbH & Co. KG Shortwave Radiation Sensor Product and Services
- 9.12.4 Adolf Thies GmbH & Co. KG Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.12.5 Adolf Thies GmbH & Co. KG Recent Developments/Updates
- 9.12.6 Adolf Thies GmbH & Co. KG Competitive Strengths & Weaknesses
- 9.13 Senseca Italy S.r.l.
- 9.13.1 Senseca Italy S.r.l. Details
- 9.13.2 Senseca Italy S.r.l. Major Business
- 9.13.3 Senseca Italy S.r.l. Shortwave Radiation Sensor Product and Services
- 9.13.4 Senseca Italy S.r.l. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.13.5 Senseca Italy S.r.l. Recent Developments/Updates

- 9.13.6 Senseca Italy S.r.l. Competitive Strengths & Weaknesses
- 9.14 Solar Light Company, LLC
 - 9.14.1 Solar Light Company, LLC Details
 - 9.14.2 Solar Light Company, LLC Major Business
 - 9.14.3 Solar Light Company, LLC Shortwave Radiation Sensor Product and Services
 - 9.14.4 Solar Light Company, LLC Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Solar Light Company, LLC Recent Developments/Updates
 - 9.14.6 Solar Light Company, LLC Competitive Strengths & Weaknesses
- 9.15 IMT Technology GmbH
 - 9.15.1 IMT Technology GmbH Details
 - 9.15.2 IMT Technology GmbH Major Business
 - 9.15.3 IMT Technology GmbH Shortwave Radiation Sensor Product and Services
 - 9.15.4 IMT Technology GmbH Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 IMT Technology GmbH Recent Developments/Updates
 - 9.15.6 IMT Technology GmbH Competitive Strengths & Weaknesses
- 9.16 Skye Instruments Ltd.
 - 9.16.1 Skye Instruments Ltd. Details
 - 9.16.2 Skye Instruments Ltd. Major Business
 - 9.16.3 Skye Instruments Ltd. Shortwave Radiation Sensor Product and Services
 - 9.16.4 Skye Instruments Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 Skye Instruments Ltd. Recent Developments/Updates
 - 9.16.6 Skye Instruments Ltd. Competitive Strengths & Weaknesses
- 9.17 Hunan Rika Electronic Tech Co., Ltd.
 - 9.17.1 Hunan Rika Electronic Tech Co., Ltd. Details
 - 9.17.2 Hunan Rika Electronic Tech Co., Ltd. Major Business
 - 9.17.3 Hunan Rika Electronic Tech Co., Ltd. Shortwave Radiation Sensor Product and Services
 - 9.17.4 Hunan Rika Electronic Tech Co., Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 Hunan Rika Electronic Tech Co., Ltd. Recent Developments/Updates
 - 9.17.6 Hunan Rika Electronic Tech Co., Ltd. Competitive Strengths & Weaknesses
- 9.18 Shandong Renke Control Technology Co., Ltd.
 - 9.18.1 Shandong Renke Control Technology Co., Ltd. Details
 - 9.18.2 Shandong Renke Control Technology Co., Ltd. Major Business
 - 9.18.3 Shandong Renke Control Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

9.18.4 Shandong Renke Control Technology Co., Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.18.5 Shandong Renke Control Technology Co., Ltd. Recent Developments/Updates

9.18.6 Shandong Renke Control Technology Co., Ltd. Competitive Strengths & Weaknesses

9.19 Shandong Tianhe Environment Technology Co., Ltd.

9.19.1 Shandong Tianhe Environment Technology Co., Ltd. Details

9.19.2 Shandong Tianhe Environment Technology Co., Ltd. Major Business

9.19.3 Shandong Tianhe Environment Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

9.19.4 Shandong Tianhe Environment Technology Co., Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 Shandong Tianhe Environment Technology Co., Ltd. Recent Developments/Updates

9.19.6 Shandong Tianhe Environment Technology Co., Ltd. Competitive Strengths & Weaknesses

9.20 Sseed Technology Co., Ltd.

9.20.1 Sseed Technology Co., Ltd. Details

9.20.2 Sseed Technology Co., Ltd. Major Business

9.20.3 Sseed Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

9.20.4 Sseed Technology Co., Ltd. Shortwave Radiation Sensor Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.20.5 Sseed Technology Co., Ltd. Recent Developments/Updates

9.20.6 Sseed Technology Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Shortwave Radiation Sensor Industry Chain

10.2 Shortwave Radiation Sensor Upstream Analysis

10.2.1 Shortwave Radiation Sensor Core Raw Materials

10.2.2 Main Manufacturers of Shortwave Radiation Sensor Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Shortwave Radiation Sensor Production Mode

10.6 Shortwave Radiation Sensor Procurement Model

10.7 Shortwave Radiation Sensor Industry Sales Model and Sales Channels

10.7.1 Shortwave Radiation Sensor Sales Model

10.7.2 Shortwave Radiation Sensor Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Shortwave Radiation Sensor Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Shortwave Radiation Sensor Production Value by Region (2021-2026) & (USD Million)

Table 3. World Shortwave Radiation Sensor Production Value by Region (2027-2032) & (USD Million)

Table 4. World Shortwave Radiation Sensor Production Value Market Share by Region (2021-2026)

Table 5. World Shortwave Radiation Sensor Production Value Market Share by Region (2027-2032)

Table 6. World Shortwave Radiation Sensor Production by Region (2021-2026) & (Units)

Table 7. World Shortwave Radiation Sensor Production by Region (2027-2032) & (Units)

Table 8. World Shortwave Radiation Sensor Production Market Share by Region (2021-2026)

Table 9. World Shortwave Radiation Sensor Production Market Share by Region (2027-2032)

Table 10. World Shortwave Radiation Sensor Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Shortwave Radiation Sensor Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Shortwave Radiation Sensor Major Market Trends

Table 13. World Shortwave Radiation Sensor Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Shortwave Radiation Sensor Consumption by Region (2021-2026) & (Units)

Table 15. World Shortwave Radiation Sensor Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Shortwave Radiation Sensor Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Shortwave Radiation Sensor Producers in 2025

Table 18. World Shortwave Radiation Sensor Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Shortwave Radiation Sensor Producers in 2025

Table 20. World Shortwave Radiation Sensor Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Shortwave Radiation Sensor Company Evaluation Quadrant

Table 22. World Shortwave Radiation Sensor Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Shortwave Radiation Sensor Production Site of Key Manufacturer

Table 24. Shortwave Radiation Sensor Market: Company Product Type Footprint

Table 25. Shortwave Radiation Sensor Market: Company Product Application Footprint

Table 26. Shortwave Radiation Sensor Competitive Factors

Table 27. Shortwave Radiation Sensor New Entrant and Capacity Expansion Plans

Table 28. Shortwave Radiation Sensor Mergers & Acquisitions Activity

Table 29. United States VS China Shortwave Radiation Sensor Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Shortwave Radiation Sensor Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Shortwave Radiation Sensor Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Shortwave Radiation Sensor Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Shortwave Radiation Sensor Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Shortwave Radiation Sensor Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Shortwave Radiation Sensor Production Market Share (2021-2026)

Table 37. China Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Shortwave Radiation Sensor Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Shortwave Radiation Sensor Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Shortwave Radiation Sensor Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Shortwave Radiation Sensor Production Market

Share (2021-2026)

Table 42. Rest of World Based Shortwave Radiation Sensor Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Shortwave Radiation Sensor Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Shortwave Radiation Sensor Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Shortwave Radiation Sensor Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Shortwave Radiation Sensor Production Market Share (2021-2026)

Table 47. World Shortwave Radiation Sensor Production Value by Detection Principle, (USD Million), 2021 & 2025 & 2032

Table 48. World Shortwave Radiation Sensor Production by Detection Principle (2021-2026) & (Units)

Table 49. World Shortwave Radiation Sensor Production by Detection Principle (2027-2032) & (Units)

Table 50. World Shortwave Radiation Sensor Production Value by Detection Principle (2021-2026) & (USD Million)

Table 51. World Shortwave Radiation Sensor Production Value by Detection Principle (2027-2032) & (USD Million)

Table 52. World Shortwave Radiation Sensor Average Price by Detection Principle (2021-2026) & (US\$/Unit)

Table 53. World Shortwave Radiation Sensor Average Price by Detection Principle (2027-2032) & (US\$/Unit)

Table 54. World Shortwave Radiation Sensor Production Value by Precision Grade, (USD Million), 2021 & 2025 & 2032

Table 55. World Shortwave Radiation Sensor Production by Precision Grade (2021-2026) & (Units)

Table 56. World Shortwave Radiation Sensor Production by Precision Grade (2027-2032) & (Units)

Table 57. World Shortwave Radiation Sensor Production Value by Precision Grade (2021-2026) & (USD Million)

Table 58. World Shortwave Radiation Sensor Production Value by Precision Grade (2027-2032) & (USD Million)

Table 59. World Shortwave Radiation Sensor Average Price by Precision Grade (2021-2026) & (US\$/Unit)

Table 60. World Shortwave Radiation Sensor Average Price by Precision Grade (2027-2032) & (US\$/Unit)

Table 61. World Shortwave Radiation Sensor Production Value by Output Interface, (USD Million), 2021 & 2025 & 2032

Table 62. World Shortwave Radiation Sensor Production by Output Interface (2021-2026) & (Units)

Table 63. World Shortwave Radiation Sensor Production by Output Interface (2027-2032) & (Units)

Table 64. World Shortwave Radiation Sensor Production Value by Output Interface (2021-2026) & (USD Million)

Table 65. World Shortwave Radiation Sensor Production Value by Output Interface (2027-2032) & (USD Million)

Table 66. World Shortwave Radiation Sensor Average Price by Output Interface (2021-2026) & (US\$/Unit)

Table 67. World Shortwave Radiation Sensor Average Price by Output Interface (2027-2032) & (US\$/Unit)

Table 68. World Shortwave Radiation Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Shortwave Radiation Sensor Production by Application (2021-2026) & (Units)

Table 70. World Shortwave Radiation Sensor Production by Application (2027-2032) & (Units)

Table 71. World Shortwave Radiation Sensor Production Value by Application (2021-2026) & (USD Million)

Table 72. World Shortwave Radiation Sensor Production Value by Application (2027-2032) & (USD Million)

Table 73. World Shortwave Radiation Sensor Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Shortwave Radiation Sensor Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. OTT HydroMet B.V. Basic Information, Manufacturing Base and Competitors

Table 76. OTT HydroMet B.V. Major Business

Table 77. OTT HydroMet B.V. Shortwave Radiation Sensor Product and Services

Table 78. OTT HydroMet B.V. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. OTT HydroMet B.V. Recent Developments/Updates

Table 80. OTT HydroMet B.V. Competitive Strengths & Weaknesses

Table 81. Hukx B.V. Basic Information, Manufacturing Base and Competitors

Table 82. Hukx B.V. Major Business

Table 83. Hukx B.V. Shortwave Radiation Sensor Product and Services

Table 84. Hukx B.V. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Hukx B.V. Recent Developments/Updates

Table 86. Hukx B.V. Competitive Strengths & Weaknesses

Table 87. EKO Instruments Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 88. EKO Instruments Co., Ltd. Major Business

Table 89. EKO Instruments Co., Ltd. Shortwave Radiation Sensor Product and Services

Table 90. EKO Instruments Co., Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. EKO Instruments Co., Ltd. Recent Developments/Updates

Table 92. EKO Instruments Co., Ltd. Competitive Strengths & Weaknesses

Table 93. Apogee Instruments, Inc. Basic Information, Manufacturing Base and Competitors

Table 94. Apogee Instruments, Inc. Major Business

Table 95. Apogee Instruments, Inc. Shortwave Radiation Sensor Product and Services

Table 96. Apogee Instruments, Inc. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Apogee Instruments, Inc. Recent Developments/Updates

Table 98. Apogee Instruments, Inc. Competitive Strengths & Weaknesses

Table 99. Campbell Scientific, Inc. Basic Information, Manufacturing Base and Competitors

Table 100. Campbell Scientific, Inc. Major Business

Table 101. Campbell Scientific, Inc. Shortwave Radiation Sensor Product and Services

Table 102. Campbell Scientific, Inc. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Campbell Scientific, Inc. Recent Developments/Updates

Table 104. Campbell Scientific, Inc. Competitive Strengths & Weaknesses

Table 105. Delta-T Devices Ltd. Basic Information, Manufacturing Base and Competitors

Table 106. Delta-T Devices Ltd. Major Business

Table 107. Delta-T Devices Ltd. Shortwave Radiation Sensor Product and Services

Table 108. Delta-T Devices Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Delta-T Devices Ltd. Recent Developments/Updates

Table 110. Delta-T Devices Ltd. Competitive Strengths & Weaknesses
Table 111. Onset Computer Corporation Basic Information, Manufacturing Base and Competitors
Table 112. Onset Computer Corporation Major Business
Table 113. Onset Computer Corporation Shortwave Radiation Sensor Product and Services
Table 114. Onset Computer Corporation Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Onset Computer Corporation Recent Developments/Updates
Table 116. Onset Computer Corporation Competitive Strengths & Weaknesses
Table 117. METER Group, Inc. Basic Information, Manufacturing Base and Competitors
Table 118. METER Group, Inc. Major Business
Table 119. METER Group, Inc. Shortwave Radiation Sensor Product and Services
Table 120. METER Group, Inc. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. METER Group, Inc. Recent Developments/Updates
Table 122. METER Group, Inc. Competitive Strengths & Weaknesses
Table 123. NRG Systems, Inc. Basic Information, Manufacturing Base and Competitors
Table 124. NRG Systems, Inc. Major Business
Table 125. NRG Systems, Inc. Shortwave Radiation Sensor Product and Services
Table 126. NRG Systems, Inc. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. NRG Systems, Inc. Recent Developments/Updates
Table 128. NRG Systems, Inc. Competitive Strengths & Weaknesses
Table 129. LI-COR Environmental Basic Information, Manufacturing Base and Competitors
Table 130. LI-COR Environmental Major Business
Table 131. LI-COR Environmental Shortwave Radiation Sensor Product and Services
Table 132. LI-COR Environmental Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. LI-COR Environmental Recent Developments/Updates
Table 134. LI-COR Environmental Competitive Strengths & Weaknesses
Table 135. LAMBRECHT meteo GmbH Basic Information, Manufacturing Base and Competitors
Table 136. LAMBRECHT meteo GmbH Major Business

Table 137. LAMBRECHT meteo GmbH Shortwave Radiation Sensor Product and Services

Table 138. LAMBRECHT meteo GmbH Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. LAMBRECHT meteo GmbH Recent Developments/Updates

Table 140. LAMBRECHT meteo GmbH Competitive Strengths & Weaknesses

Table 141. Adolf Thies GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 142. Adolf Thies GmbH & Co. KG Major Business

Table 143. Adolf Thies GmbH & Co. KG Shortwave Radiation Sensor Product and Services

Table 144. Adolf Thies GmbH & Co. KG Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Adolf Thies GmbH & Co. KG Recent Developments/Updates

Table 146. Adolf Thies GmbH & Co. KG Competitive Strengths & Weaknesses

Table 147. Senseca Italy S.r.l. Basic Information, Manufacturing Base and Competitors

Table 148. Senseca Italy S.r.l. Major Business

Table 149. Senseca Italy S.r.l. Shortwave Radiation Sensor Product and Services

Table 150. Senseca Italy S.r.l. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Senseca Italy S.r.l. Recent Developments/Updates

Table 152. Senseca Italy S.r.l. Competitive Strengths & Weaknesses

Table 153. Solar Light Company, LLC Basic Information, Manufacturing Base and Competitors

Table 154. Solar Light Company, LLC Major Business

Table 155. Solar Light Company, LLC Shortwave Radiation Sensor Product and Services

Table 156. Solar Light Company, LLC Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Solar Light Company, LLC Recent Developments/Updates

Table 158. Solar Light Company, LLC Competitive Strengths & Weaknesses

Table 159. IMT Technology GmbH Basic Information, Manufacturing Base and Competitors

Table 160. IMT Technology GmbH Major Business

Table 161. IMT Technology GmbH Shortwave Radiation Sensor Product and Services

Table 162. IMT Technology GmbH Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. IMT Technology GmbH Recent Developments/Updates

Table 164. IMT Technology GmbH Competitive Strengths & Weaknesses

Table 165. Skye Instruments Ltd. Basic Information, Manufacturing Base and Competitors

Table 166. Skye Instruments Ltd. Major Business

Table 167. Skye Instruments Ltd. Shortwave Radiation Sensor Product and Services

Table 168. Skye Instruments Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Skye Instruments Ltd. Recent Developments/Updates

Table 170. Skye Instruments Ltd. Competitive Strengths & Weaknesses

Table 171. Hunan Rika Electronic Tech Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 172. Hunan Rika Electronic Tech Co., Ltd. Major Business

Table 173. Hunan Rika Electronic Tech Co., Ltd. Shortwave Radiation Sensor Product and Services

Table 174. Hunan Rika Electronic Tech Co., Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Hunan Rika Electronic Tech Co., Ltd. Recent Developments/Updates

Table 176. Hunan Rika Electronic Tech Co., Ltd. Competitive Strengths & Weaknesses

Table 177. Shandong Renke Control Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 178. Shandong Renke Control Technology Co., Ltd. Major Business

Table 179. Shandong Renke Control Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

Table 180. Shandong Renke Control Technology Co., Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Shandong Renke Control Technology Co., Ltd. Recent Developments/Updates

Table 182. Shandong Renke Control Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 183. Shandong Tianhe Environment Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 184. Shandong Tianhe Environment Technology Co., Ltd. Major Business

Table 185. Shandong Tianhe Environment Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

Table 186. Shandong Tianhe Environment Technology Co., Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Shandong Tianhe Environment Technology Co., Ltd. Recent Developments/Updates

Table 188. Shandong Tianhe Environment Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 189. Seeed Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 190. Seeed Technology Co., Ltd. Major Business

Table 191. Seeed Technology Co., Ltd. Shortwave Radiation Sensor Product and Services

Table 192. Seeed Technology Co., Ltd. Shortwave Radiation Sensor Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 193. Seeed Technology Co., Ltd. Recent Developments/Updates

Table 194. Seeed Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 195. Global Key Players of Shortwave Radiation Sensor Upstream (Raw Materials)

Table 196. Global Shortwave Radiation Sensor Typical Customers

Table 197. Shortwave Radiation Sensor Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Shortwave Radiation Sensor Picture

Figure 2. World Shortwave Radiation Sensor Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Shortwave Radiation Sensor Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Shortwave Radiation Sensor Production (2021-2032) & (Units)

Figure 5. World Shortwave Radiation Sensor Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Shortwave Radiation Sensor Production Value Market Share by Region (2021-2032)

Figure 7. World Shortwave Radiation Sensor Production Market Share by Region (2021-2032)

Figure 8. North America Shortwave Radiation Sensor Production (2021-2032) & (Units)

Figure 9. Europe Shortwave Radiation Sensor Production (2021-2032) & (Units)

Figure 10. China Shortwave Radiation Sensor Production (2021-2032) & (Units)

Figure 11. Japan Shortwave Radiation Sensor Production (2021-2032) & (Units)

Figure 12. Shortwave Radiation Sensor Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 15. World Shortwave Radiation Sensor Consumption Market Share by Region (2021-2032)

Figure 16. United States Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 17. China Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 18. Europe Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 19. Japan Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 20. South Korea Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 21. ASEAN Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 22. India Shortwave Radiation Sensor Consumption (2021-2032) & (Units)

Figure 23. Producer Shipments of Shortwave Radiation Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Shortwave Radiation Sensor Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Shortwave Radiation Sensor Markets in 2025

Figure 26. United States VS China: Shortwave Radiation Sensor Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Shortwave Radiation Sensor Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Shortwave Radiation Sensor Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Shortwave Radiation Sensor Production Market Share 2025

Figure 30. China Based Manufacturers Shortwave Radiation Sensor Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Shortwave Radiation Sensor Production Market Share 2025

Figure 32. World Shortwave Radiation Sensor Production Value by Detection Principle, (USD Million), 2021 & 2025 & 2032

Figure 33. World Shortwave Radiation Sensor Production Value Market Share by Detection Principle in 2025

Figure 34. Thermopile

Figure 35. Silicon Photovoltaic

Figure 36. Other

Figure 37. World Shortwave Radiation Sensor Production Market Share by Detection Principle (2021-2032)

Figure 38. World Shortwave Radiation Sensor Production Value Market Share by Detection Principle (2021-2032)

Figure 39. World Shortwave Radiation Sensor Average Price by Detection Principle (2021-2032) & (US\$/Unit)

Figure 40. World Shortwave Radiation Sensor Production Value by Precision Grade, (USD Million), 2021 & 2025 & 2032

Figure 41. World Shortwave Radiation Sensor Production Value Market Share by Precision Grade in 2025

Figure 42. Class A

Figure 43. Class B

Figure 44. Class C

Figure 45. Other

Figure 46. World Shortwave Radiation Sensor Production Market Share by Precision Grade (2021-2032)

Figure 47. World Shortwave Radiation Sensor Production Value Market Share by Precision Grade (2021-2032)

Figure 48. World Shortwave Radiation Sensor Average Price by Precision Grade (2021-2032) & (US\$/Unit)

Figure 49. World Shortwave Radiation Sensor Production Value by Output Interface, (USD Million), 2021 & 2025 & 2032

Figure 50. World Shortwave Radiation Sensor Production Value Market Share by Output Interface in 2025

Figure 51. Passive Millivolt Output

Figure 52. Analog Voltage Output

Figure 53. Analog Current Output

Figure 54. RS485 Modbus Output

Figure 55. SDI-12 Output

Figure 56. Wireless IoT Output

Figure 57. Other

Figure 58. Other

Figure 59. World Shortwave Radiation Sensor Production Market Share by Output Interface (2021-2032)

Figure 60. World Shortwave Radiation Sensor Production Value Market Share by Output Interface (2021-2032)

Figure 61. World Shortwave Radiation Sensor Average Price by Output Interface (2021-2032) & (US\$/Unit)

Figure 62. World Shortwave Radiation Sensor Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 63. World Shortwave Radiation Sensor Production Value Market Share by Application in 2025

Figure 64. Photovoltaic Plant Performance Monitoring

Figure 65. Meteorological and Climate Observation

Figure 66. Agricultural Ecological and Hydrological Monitoring

Figure 67. Building Energy Management

Figure 68. Material Aging and Environmental Testing

Figure 69. Other

Figure 70. World Shortwave Radiation Sensor Production Market Share by Application (2021-2032)

Figure 71. World Shortwave Radiation Sensor Production Value Market Share by Application (2021-2032)

Figure 72. World Shortwave Radiation Sensor Average Price by Application (2021-2032) & (US\$/Unit)

Figure 73. Shortwave Radiation Sensor Industry Chain

Figure 74. Shortwave Radiation Sensor Procurement Model

Figure 75. Shortwave Radiation Sensor Sales Model

Figure 76. Shortwave Radiation Sensor Sales Channels, Direct Sales, and Distribution

Figure 77. Methodology

Figure 78. Research Process and Data Source

I would like to order

Product name: Global Shortwave Radiation Sensor Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD021FEB05BDEN.html>

Price: US\$ 4,480.00 (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/GD021FEB05BDEN.html>