

Global Distributed Temperature Sensor (DTS) Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/DE18D77C6047EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: DE18D77C6047EN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Distributed Temperature Sensor (DTS) market size will reach Million USD in 2025 and is projected to reach Million USD by 2032, with a CAGR of % (2025-2032). Notably, the China Distributed Temperature Sensor (DTS) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

A Distributed Temperature Sensor (DTS) is an advanced device that utilizes optical fibers to provide continuous and real-time temperature monitoring along the entire length of the fiber. This technology is based on the principle of optical backscattering, where changes in temperature along the fiber affect the intensity of the backscattered light. DTS systems find applications in various industries such as oil and gas, power transmission, and environmental monitoring, allowing for the detection of temperature variations in complex and inaccessible environments like pipelines, wells, or critical infrastructure. This distributed sensing capability provides valuable data for optimizing processes, detecting anomalies, and ensuring the safety and efficiency of various systems.

The major global manufacturers of Distributed Temperature Sensor (DTS) include Luna Innovations, Opsens, FISO Technologies, Proximion, Honeywell, Yokogawa, Omega, Chiral Photonics, Althen, Micronor, Optocon, Sumitomo Electric Industries, Scaime, etc.

The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Distributed Temperature Sensor (DTS). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Distributed Temperature Sensor (DTS) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Distributed Temperature Sensor (DTS) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Distributed Temperature Sensor (DTS) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Distributed Temperature Sensor (DTS) Include:

Luna Innovations

Opsens

FISO Technologies

Proximion

Honeywell

Yokogawa

Omega

Chiral Photonics

Althen

Micronor

Optocon

Sumitomo Electric Industries

Scaime

Distributed Temperature Sensor (DTS) Product Segment Include:

DC Sensor

AC Sensor

Distributed Temperature Sensor (DTS) Product Application Include:

Oil and Gas Industry

Aerospace And Defense

Civil Engineering

Energy

Medical

Intelligent Building

Other

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Distributed Temperature Sensor (DTS) Industry PESTEL Analysis

Chapter 3: Global Distributed Temperature Sensor (DTS) Industry Porter's Five Forces Analysis

Chapter 4: Global Distributed Temperature Sensor (DTS) Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Distributed Temperature Sensor (DTS) Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Distributed Temperature Sensor (DTS) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Distributed Temperature Sensor (DTS) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Distributed Temperature Sensor (DTS) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Distributed Temperature Sensor (DTS) Competitive

Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Distributed Temperature Sensor (DTS) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Distributed Temperature Sensor (DTS) Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Distributed Temperature Sensor (DTS) Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

Contents

1 DISTRIBUTED TEMPERATURE SENSOR (DTS) MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Distributed Temperature Sensor (DTS) Product by Type
 - 1.2.1 DC Sensor
 - 1.2.2 AC Sensor
- 1.3 Distributed Temperature Sensor (DTS) Product by Application
 - 1.3.1 Oil and Gas Industry
 - 1.3.2 Aerospace And Defense
 - 1.3.3 Civil Engineering
 - 1.3.4 Energy
 - 1.3.5 Medical
 - 1.3.6 Intelligent Building
 - 1.3.7 Other
- 1.4 Global Distributed Temperature Sensor (DTS) Market Revenue and Sales Analysis
 - 1.4.1 Global Distributed Temperature Sensor (DTS) Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Distributed Temperature Sensor (DTS) Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Distributed Temperature Sensor (DTS) Market Sales Price Trend Analysis (2020-2032)
- 1.5 Distributed Temperature Sensor (DTS) Industry Trends and Innovation
 - 1.5.1 Distributed Temperature Sensor (DTS) Industry Trends and Innovation
 - 1.5.2 Distributed Temperature Sensor (DTS) Market Drivers and Challenges

2 DISTRIBUTED TEMPERATURE SENSOR (DTS) MARKET PESTEL ANALYSIS

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

3 DISTRIBUTED TEMPERATURE SENSOR (DTS) MARKET PORTER'S FIVE FORCES ANALYSIS

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

4 GLOBAL DISTRIBUTED TEMPERATURE SENSOR (DTS) MARKET ANALYSIS BY REGIONS

- 4.1 Global Distributed Temperature Sensor (DTS) Overall Market: 2024 VS 2025 VS 2032
- 4.2 Global Distributed Temperature Sensor (DTS) Revenue and Forecast Analysis (2020-2032)
 - 4.2.1 Global Distributed Temperature Sensor (DTS) Revenue and Market Share by Region (2020-2025)
 - 4.2.2 Global Distributed Temperature Sensor (DTS) Revenue and Market Share Forecast by Region (2026-2032)
- 4.3 Global Distributed Temperature Sensor (DTS) Sales and Forecast Analysis (2020-2032)
 - 4.3.1 Global Distributed Temperature Sensor (DTS) Sales and Market Share by Region (2020-2025)
 - 4.3.2 Global Distributed Temperature Sensor (DTS) Sales and Market Share Forecast by Region (2026-2032)
- 4.4 Global Distributed Temperature Sensor (DTS) Sales Price Trend Analysis (2020-2032)

5 GLOBAL DISTRIBUTED TEMPERATURE SENSOR (DTS) MARKET SIZE BY TYPE AND APPLICATION

- 5.1 Global Distributed Temperature Sensor (DTS) Market Size by Type
 - 5.1.1 Global Distributed Temperature Sensor (DTS) Revenue and Forecast Analysis by Type (2020-2032)
 - 5.1.2 Global Distributed Temperature Sensor (DTS) Sales and Forecast Analysis by Type (2020-2032)
- 5.2 Global Distributed Temperature Sensor (DTS) Market Size by Application
 - 5.2.1 Global Distributed Temperature Sensor (DTS) Revenue and Forecast Analysis by Application (2020-2032)
 - 5.2.2 Global Distributed Temperature Sensor (DTS) Sales and Forecast Analysis by Application (2020-2032)

6 NORTH AMERICA

6.1 North America Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

6.2 North America Key Manufacturers Analysis

6.3 North America Distributed Temperature Sensor (DTS) Market Size by Type

6.3.1 North America Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

6.3.2 North America Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

6.4 North America Distributed Temperature Sensor (DTS) Market Size by Application

6.4.1 North America Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

6.4.2 North America Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

6.5 North America Distributed Temperature Sensor (DTS) Market Size by Country

6.5.1 US

6.5.2 Canada

7 EUROPE

7.1 Europe Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

7.2 Europe Key Manufacturers Analysis

7.3 Europe Distributed Temperature Sensor (DTS) Market Size by Type

7.3.1 Europe Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

7.3.2 Europe Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

7.4 Europe Distributed Temperature Sensor (DTS) Market Size by Application

7.4.1 Europe Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

7.4.2 Europe Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

7.5 Europe Distributed Temperature Sensor (DTS) Market Size by Country

7.5.1 Germany

7.5.2 France

7.5.3 United Kingdom

7.5.4 Italy

7.5.5 Spain

7.5.6 Benelux

8 CHINA

8.1 China Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

8.2 China Key Manufacturers Analysis

8.3 China Distributed Temperature Sensor (DTS) Market Size by Type

8.3.1 China Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

8.3.2 China Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

8.4 China Distributed Temperature Sensor (DTS) Market Size by Application

8.4.1 China Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

8.4.2 China Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

9 APAC (EXCL. CHINA)

9.1 APAC (excl. China) Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Distributed Temperature Sensor (DTS) Market Size by Type

9.3.1 APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

9.3.2 APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

9.4 APAC (excl. China) Distributed Temperature Sensor (DTS) Market Size by Application

9.4.1 APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

9.4.2 APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

9.5 APAC (excl. China) Distributed Temperature Sensor (DTS) Market Size by Country

9.5.1 Japan

9.5.2 South Korea

9.5.3 India

9.5.4 Australia

9.5.5 Southeast Asia

10 LATIN AMERICA

10.1 Latin America Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

10.2 Latin America Key Manufacturers Analysis

10.3 Latin America Distributed Temperature Sensor (DTS) Market Size by Type

10.3.1 Latin America Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

10.3.2 Latin America Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

10.4 Latin America Distributed Temperature Sensor (DTS) Market Size by Application

10.4.1 Latin America Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

10.4.2 Latin America Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

10.5 Latin America Distributed Temperature Sensor (DTS) Market Size by Country

10.6 Latin America Distributed Temperature Sensor (DTS) Market Size by Country

10.6.1 Mexico

10.6.2 Brazil

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Distributed Temperature Sensor (DTS) Market Size and Growth Rate Analysis (2020-2032)

11.2 Middle East & Africa Key Manufacturers Analysis

11.3 Middle East & Africa Distributed Temperature Sensor (DTS) Market Size by Type

11.3.1 Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Type (2020-2032)

11.3.2 Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Type (2020-2032)

11.4 Middle East & Africa Distributed Temperature Sensor (DTS) Market Size by Application

11.4.1 Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Application (2020-2032)

11.4.2 Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Application (2020-2032)

11.5 Middle East Distributed Temperature Sensor (DTS) Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

12 COMPETITION BY MANUFACTURERS

12.1 Global Distributed Temperature Sensor (DTS) Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Distributed Temperature Sensor (DTS) Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Distributed Temperature Sensor (DTS) Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Distributed Temperature Sensor (DTS) Average Sales Price by Manufacturers (2021-2025)

12.2 Distributed Temperature Sensor (DTS) Competitive Landscape Analysis and Market Dynamic

12.2.1 Distributed Temperature Sensor (DTS) Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

13 KEY COMPANIES ANALYSIS

13.1 Luna Innovations

13.1.1 Luna Innovations Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 Luna Innovations Distributed Temperature Sensor (DTS) Product Portfolio

13.1.3 Luna Innovations Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 Opsens

13.2.1 Opsens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 Opsens Distributed Temperature Sensor (DTS) Product Portfolio

13.2.3 Opsens Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 FISO Technologies

13.3.1 FISO Technologies Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 FISO Technologies Distributed Temperature Sensor (DTS) Product Portfolio

13.3.3 FISO Technologies Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 Proximion

13.4.1 Proximion Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Proximion Distributed Temperature Sensor (DTS) Product Portfolio

13.4.3 Proximon Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.5 Honeywell

13.5.1 Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 Honeywell Distributed Temperature Sensor (DTS) Product Portfolio

13.5.3 Honeywell Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.6 Yokogawa

13.6.1 Yokogawa Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 Yokogawa Distributed Temperature Sensor (DTS) Product Portfolio

13.6.3 Yokogawa Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.7 Omega

13.7.1 Omega Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.7.2 Omega Distributed Temperature Sensor (DTS) Product Portfolio

13.7.3 Omega Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.8 Chiral Photonics

13.8.1 Chiral Photonics Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 Chiral Photonics Distributed Temperature Sensor (DTS) Product Portfolio

13.8.3 Chiral Photonics Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.9 Althen

13.9.1 Althen Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.9.2 Althen Distributed Temperature Sensor (DTS) Product Portfolio

13.9.3 Althen Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.10 Micronor

13.10.1 Micronor Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.10.2 Micronor Distributed Temperature Sensor (DTS) Product Portfolio

13.10.3 Micronor Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.11 Optocon

13.11.1 Optocon Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.11.2 Optocon Distributed Temperature Sensor (DTS) Product Portfolio

13.11.3 Optocon Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.12 Sumitomo Electric Industries

13.12.1 Sumitomo Electric Industries Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.12.2 Sumitomo Electric Industries Distributed Temperature Sensor (DTS) Product Portfolio

13.12.3 Sumitomo Electric Industries Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.13 Scaime

13.13.1 Scaime Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.13.2 Scaime Distributed Temperature Sensor (DTS) Product Portfolio

13.13.3 Scaime Distributed Temperature Sensor (DTS) Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14 INDUSTRY CHAIN ANALYSIS

14.1 Distributed Temperature Sensor (DTS) Industry Chain Analysis

14.2 Distributed Temperature Sensor (DTS) Industry Raw Material and Suppliers Analysis

14.2.1 Distributed Temperature Sensor (DTS) Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Distributed Temperature Sensor (DTS) Typical Downstream Customers

14.4 Distributed Temperature Sensor (DTS) Sales Channel Analysis

15 RESEARCH FINDINGS AND CONCLUSION

16 METHODOLOGY AND DATA SOURCE

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Global Distributed Temperature Sensor (DTS) Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Distributed Temperature Sensor (DTS) Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Distributed Temperature Sensor (DTS) Industry Development Status

Table 4: Distributed Temperature Sensor (DTS) Industry Development Trends

Table 5: Global Distributed Temperature Sensor (DTS) Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Distributed Temperature Sensor (DTS) Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Distributed Temperature Sensor (DTS) Revenue Market Share by Region (2020-2025)

Table 8: Global Distributed Temperature Sensor (DTS) Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Distributed Temperature Sensor (DTS) Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Distributed Temperature Sensor (DTS) Sales by Region (2020-2025) & (K Unit)

Table 11: Global Distributed Temperature Sensor (DTS) Sales Market Share by Region (2020-2025)

Table 12: Global Distributed Temperature Sensor (DTS) Sales Forecast by Region (2026-2032) & (K Unit)

Table 13: Global Distributed Temperature Sensor (DTS) Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Distributed Temperature Sensor (DTS) Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Distributed Temperature Sensor (DTS) Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Distributed Temperature Sensor (DTS) Sales Analysis by Type (2020-2025) & (K Unit)

Table 17: Global Distributed Temperature Sensor (DTS) Sales Analysis Forecast by Type (2026-2032) & (K Unit)

Table 18: Global Distributed Temperature Sensor (DTS) Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Distributed Temperature Sensor (DTS) Revenue Analysis Forecast by

Application (2026-2032) & (US\$ Million)

Table 20: Global Distributed Temperature Sensor (DTS) Sales Analysis by Application (2020-2025) & (K Unit)

Table 21: Global Distributed Temperature Sensor (DTS) Sales Analysis Forecast by Application (2026-2032) & (K Unit)

Table 22: Key Distributed Temperature Sensor (DTS) Players in North America

Table 23: North America Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 24: North America Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 25: North America Distributed Temperature Sensor (DTS) Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 28: North America Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 29: North America Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Distributed Temperature Sensor (DTS) Sales Market Size by Country (2020-2025) & (K Unit)

Table 34: North America Distributed Temperature Sensor (DTS) Sales Market Size by Country (2026-2032) & (K Unit)

Table 35: Key Distributed Temperature Sensor (DTS) Players in Europe

Table 36: Europe Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 37: Europe Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 38: Europe Distributed Temperature Sensor (DTS) Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 41: Europe Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 42: Europe Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Distributed Temperature Sensor (DTS) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Distributed Temperature Sensor (DTS) Sales Market Size by Country (2020-2025) & (K Unit)

Table 47: Europe Distributed Temperature Sensor (DTS) Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 48: Key Distributed Temperature Sensor (DTS) Players in China

Table 49: China Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 50: China Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 51: China Distributed Temperature Sensor (DTS) Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 54: China Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 55: China Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Distributed Temperature Sensor (DTS) Players in APAC (excl. China)

Table 58: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 59: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 60: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Type

(2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 63: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 64: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 66:: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales Market Size by Country (2020-2025) & (K Unit)

Table 69: APAC (excl. China) Distributed Temperature Sensor (DTS) Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 70: Key Distributed Temperature Sensor (DTS) Players in Latin America

Table 71: Latin America Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 72: Latin America Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 73: Latin America Distributed Temperature Sensor (DTS) Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 76: Latin America Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 77: Latin America Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Distributed Temperature Sensor (DTS) Revenue Market Size

Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Distributed Temperature Sensor (DTS) Sales Market Size by Country (2020-2025) & (K Unit)

Table 82: Latin America Distributed Temperature Sensor (DTS) Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 83: Key Distributed Temperature Sensor (DTS) Players in Middle East & Africa

Table 84: Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Type (2020-2025) & (K Unit)

Table 85: Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Type (2026-2032) & (K Unit)

Table 86: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Type (2020-2025) & (US\$ Million)

Table 87: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Type (2026-2032) & (US\$ Million)

Table 88: Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Application (2020-2025) & (K Unit)

Table 89: Middle East & Africa Distributed Temperature Sensor (DTS) Sales by Application (2026-2032) & (K Unit)

Table 90: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Application (2020-2025) & (US\$ Million)

Table 91: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue by Application (2026-2032) & (US\$ Million)

Table 92: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 93: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 94: Middle East & Africa Distributed Temperature Sensor (DTS) Sales Market Size by Country (2020-2025) & (K Unit)

Table 95: Middle East & Africa Distributed Temperature Sensor (DTS) Sales Market Size Forecast by Country (2026-2032) & (K Unit)

Table 96: Global Distributed Temperature Sensor (DTS) Market Sales by Key Manufacturers (2021-2025) & (K Unit)

Table 97: Global Distributed Temperature Sensor (DTS) Sales Market Share by Key Manufacturers (2021-2025)

Table 98: Global Distributed Temperature Sensor (DTS) Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 99: Global Distributed Temperature Sensor (DTS) Revenue Market Share by Key Manufacturers (2021-2025)

Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)

Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 102: Market Mergers & Acquisitions, Expansion

Table 103: Luna Innovations Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 104: Luna Innovations Distributed Temperature Sensor (DTS) Product Portfolio

Table 105: Luna Innovations Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 106: Opsens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 107: Opsens Distributed Temperature Sensor (DTS) Product Portfolio

Table 108: Opsens Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 109: FISO Technologies Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 110: FISO Technologies Distributed Temperature Sensor (DTS) Product Portfolio

Table 111: FISO Technologies Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 112: Proximion Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 113: Proximion Distributed Temperature Sensor (DTS) Product Portfolio

Table 114: Proximion Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 115: Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: Honeywell Distributed Temperature Sensor (DTS) Product Portfolio

Table 117: Honeywell Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 118: Yokogawa Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: Yokogawa Distributed Temperature Sensor (DTS) Product Portfolio

Table 120: Yokogawa Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 121: Omega Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 122: Omega Distributed Temperature Sensor (DTS) Product Portfolio

Table 123: Omega Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 124: Chiral Photonics Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 125: Chiral Photonics Distributed Temperature Sensor (DTS) Product Portfolio

Table 126: Chiral Photonics Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 127: Althen Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 128: Althen Distributed Temperature Sensor (DTS) Product Portfolio

Table 129: Althen Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 130: Micronor Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 131: Micronor Distributed Temperature Sensor (DTS) Product Portfolio

Table 132: Micronor Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 133: Optocon Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 134: Optocon Distributed Temperature Sensor (DTS) Product Portfolio

Table 135: Optocon Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 136: Sumitomo Electric Industries Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 137: Sumitomo Electric Industries Distributed Temperature Sensor (DTS) Product Portfolio

Table 138: Sumitomo Electric Industries Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 139: Scaime Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 140: Scaime Distributed Temperature Sensor (DTS) Product Portfolio

Table 141: Scaime Distributed Temperature Sensor (DTS) Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 142: Upstream Key Raw Material Price List

Table 143: Distributed Temperature Sensor (DTS) Raw Material Suppliers and Contact Information

Table 144: Distributed Temperature Sensor (DTS) Typical Customer List

Table 145: Distributed Temperature Sensor (DTS) Distributors List

List Of Figures

LIST OF FIGURES

- Figure 1: Distributed Temperature Sensor (DTS) Product Pictures
- Figure 2: DC Sensor Picture Scope
- Figure 3: AC Sensor Picture Scope
- Figure 4: Oil and Gas Industry Picture Scope
- Figure 5: Aerospace And Defense Picture Scope
- Figure 6: Civil Engineering Picture Scope
- Figure 7: Energy Picture Scope
- Figure 8: Medical Picture Scope
- Figure 9: Intelligent Building Picture Scope
- Figure 10: Other Picture Scope
- Figure 11: Global Distributed Temperature Sensor (DTS) Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)
- Figure 12: Global Distributed Temperature Sensor (DTS) Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)
- Figure 13: Global Distributed Temperature Sensor (DTS) Market Sales and Growth Rate Analysis (2020-2032) & (K Unit)
- Figure 14: Global Distributed Temperature Sensor (DTS) Market Price Trend Analysis (2020-2032) & (USD/Unit)
- Figure 15: Global Distributed Temperature Sensor (DTS) Market Size by Region (2020-2032) & (US\$ Million)
- Figure 16: Global Distributed Temperature Sensor (DTS) Market Share Scenario by Region in Percentage: 2025 Versus 2032
- Figure 17: Global Distributed Temperature Sensor (DTS) Sales Price by Region (2020-2032) & (K Unit)
- Figure 18: North America Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 19: North America Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024
- Figure 20: North America Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)
- Figure 21: North America Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)
- Figure 22: North America Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)
- Figure 23: North America Distributed Temperature Sensor (DTS) Revenue Market Share

by Application (2020-2032)

Figure 24:US Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 25:Canada Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 26:Europe Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 27:Europe Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024

Figure 28:Europe Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)

Figure 29:Europe Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)

Figure 30:Europe Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)

Figure 31:Europe Distributed Temperature Sensor (DTS) Revenue Market Share by Application (2020-2032)

Figure 32:Germany Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 33:France Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 34:United Kingdom Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 35:Italy Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 36:Spain Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 37:Benelux Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 38:China Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 39:China Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024

Figure 40:China Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)

Figure 41:China Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)

Figure 42:China Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)

Figure 43:China Distributed Temperature Sensor (DTS) Revenue Market Share by Application (2020-2032)

Figure 44:APAC (excl. China) Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 45:APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024

Figure 46:APAC (excl. China) Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)

Figure 47:APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)

Figure 48:APAC (excl. China) Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)

Figure 49:APAC (excl. China) Distributed Temperature Sensor (DTS) Revenue Market Share by Application (2020-2032)

Figure 50:Japan Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 51:South Korea Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 52:India Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 53:Australia Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 54:Southeast Asia Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 55:Latin America Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 56:Latin America Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024

Figure 57:Latin America Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)

Figure 58:Latin America Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)

Figure 59:Latin America Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)

Figure 60:Latin America Distributed Temperature Sensor (DTS) Revenue Market Share by Application (2020-2032)

Figure 61:Mexico Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 62:Brazil Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$

Million)

Figure 63: Middle East & Africa Distributed Temperature Sensor (DTS) Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 64: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue Market Share by Players in 2024

Figure 65: Middle East & Africa Distributed Temperature Sensor (DTS) Sales Market Share by Type (2020-2032)

Figure 66: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue Market Share by Type (2020-2032)

Figure 67: Middle East & Africa Distributed Temperature Sensor (DTS) Sales Market Share by Application (2020-2032)

Figure 68: Middle East & Africa Distributed Temperature Sensor (DTS) Revenue Market Share by Application (2020-2032)

Figure 69: Saudi Arabia Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 70: South Africa Distributed Temperature Sensor (DTS) Revenue (2020-2032) & (US\$ Million)

Figure 71: Global Distributed Temperature Sensor (DTS) Sales Market Share by Key Manufacturers in 2024

Figure 72: Global Distributed Temperature Sensor (DTS) Revenue Market Share by Key Manufacturers in 2024

Figure 73: Global Distributed Temperature Sensor (DTS) Industry Competition Landscape

Figure 74: Distributed Temperature Sensor (DTS) Industry Chain Analysis

Figure 75: Bottom-Up and Top-Down Research Methods

Figure 76: Key Interview Objectives

Figure 77: Data Cross Validation

I would like to order

Product name: Global Distributed Temperature Sensor (DTS) Competitive Landscape Professional Research Report 2025

Product link: <https://marketpublishers.com/r/DE18D77C6047EN.html>

Price: US\$ 3,500.00 (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/DE18D77C6047EN.html>