

Covid-19 Impact on Global Ultrafast Terahertz Sensors Industry Research Report 2020 Segmented by Major Market Players, Types, Applications and Countries Forecast to 2026

https://marketpublishers.com/r/CFE7FE0FC139EN.html

Date: July 2024

Pages: 131

Price: US\$ 2,450.00 (Single User License)

ID: CFE7FE0FC139EN

Abstracts

The research team projects that the Ultrafast Terahertz Sensors market size will grow from XXX in 2019 to XXX by 2026, at an estimated CAGR of XX. The base year considered for the study is 2019, and the market size is projected from 2020 to 2026.

The prime objective of this report is to help the user understand the market in terms of its definition, segmentation, market potential, influential trends, and the challenges that the market is facing with 10 major regions and 30 major countries. Deep researches and analysis were done during the preparation of the report. The readers will find this report very helpful in understanding the market in depth. The data and the information regarding the market are taken from reliable sources such as websites, annual reports of the companies, journals, and others and were checked and validated by the industry experts. The facts and data are represented in the report using diagrams, graphs, pie charts, and other pictorial representations. This enhances the visual representation and also helps in understanding the facts much better.

By Market Players:
Advantest Corporation
Terasense Group Inc.
Toptica Photonics AG
H?bner GmbH & Co. KG
Bruker
Daheng New Epoch Technology
EKSPLA



TeraView
Luna Innovations Incorporated
Menlo Systems GmbH
Mesurex

By Type Photonic Sensing Electronic Sensing

By Application
Medical Equipment
Biological Research
Agricultural Research
Military
Industry

By Regions/Countries: North America United States Canada Mexico

East Asia China Japan South Korea

Europe
Germany
United Kingdom
France
Italy

South Asia India

Southeast Asia Indonesia Thailand



Singapore

Middle East Turkey Saudi Arabia Iran

Africa Nigeria South Africa

Oceania Australia

South America

Points Covered in The Report

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its



impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

The report focuses on Global, Top 10 Regions and Top 50 Countries Market Size of Ultrafast Terahertz Sensors 2015-2020, and development forecast 2021-2026 including industries, major players/suppliers worldwide and market share by regions, with company and product introduction, position in the market including their market status and development trend by types and applications which will provide its price and profit status, and marketing status & market growth drivers and challenges, with base year as 2019.

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2015-2020 & Sales by Product Types.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2021-2026. Further the report provides break down details about each region & countries covered in the report. Identifying its production, consumption, import & export, sales volume & revenue forecast.

Market Analysis by Product Type: The report covers majority Product Types in the Ultrafast Terahertz Sensors Industry, including its product specifications by each key player, volume, sales by Volume and Value (M USD).

Market Analysis by Application Type: Based on the Ultrafast Terahertz Sensors Industry and its applications, the market is further sub-segmented into several major Application of its industry. It provides you with the market size, CAGR & forecast by each industry applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology Porters Five Force Analysis: The report will provide with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

COVID-19 Impact



Report covers Impact of Coronavirus COVID-19: Since the COVID-19 virus outbreak in December 2019, the disease has spread to almost every country around the globe with the World Health Organization declaring it a public health emergency. The global impacts of the coronavirus disease 2019 (COVID-19) are already starting to be felt, and will significantly affect the Ultrafast Terahertz Sensors market in 2020. The outbreak of COVID-19 has brought effects on many aspects, like flight cancellations; travel bans and quarantines; restaurants closed; all indoor/outdoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market volatility; falling business confidence, growing panic among the population, and uncertainty about future.



Contents

1 REPORT OVERVIEW

- 1.1 Study Scope and Definition
- 1.2 Research Methodology
 - 1.2.1 Methodology/Research Approach
 - 1.2.2 Data Source
- 1.3 Key Market Segments
- 1.4 Players Covered: Ranking by Ultrafast Terahertz Sensors Revenue
- 1.5 Market Analysis by Type
- 1.5.1 Global Ultrafast Terahertz Sensors Market Size Growth Rate by Type: 2020 VS 2026
 - 1.5.2 Photonic Sensing
 - 1.5.3 Electronic Sensing
- 1.6 Market by Application
 - 1.6.1 Global Ultrafast Terahertz Sensors Market Share by Application: 2021-2026
 - 1.6.2 Medical Equipment
 - 1.6.3 Biological Research
 - 1.6.4 Agricultural Research
 - 1.6.5 Military
 - 1.6.6 Industry
- 1.7 Coronavirus Disease 2019 (Covid-19) Impact Will Have a Severe Impact on Global Growth
 - 1.7.1 Covid-19 Impact: Global GDP Growth, 2019, 2020 and 2021 Projections
 - 1.7.2 Covid-19 Impact: Commodity Prices Indices
 - 1.7.3 Covid-19 Impact: Global Major Government Policy
- 1.8 Study Objectives
- 1.9 Years Considered

2 GLOBAL ULTRAFAST TERAHERTZ SENSORS MARKET TRENDS AND GROWTH STRATEGY

- 2.1 Market Top Trends
- 2.2 Market Drivers
- 2.3 Market Challenges
- 2.4 Porter's Five Forces Analysis
- 2.5 Market Growth Strategy
- 2.6 SWOT Analysis



3 GLOBAL ULTRAFAST TERAHERTZ SENSORS MARKET PLAYERS PROFILES

- 3.1 Advantest Corporation
 - 3.1.1 Advantest Corporation Company Profile
 - 3.1.2 Advantest Corporation Ultrafast Terahertz Sensors Product Specification
- 3.1.3 Advantest Corporation Ultrafast Terahertz Sensors Production Capacity,

Revenue, Price and Gross Margin (2015-2020)

- 3.2 Terasense Group Inc.
 - 3.2.1 Terasense Group Inc. Company Profile
 - 3.2.2 Terasense Group Inc. Ultrafast Terahertz Sensors Product Specification
- 3.2.3 Terasense Group Inc. Ultrafast Terahertz Sensors Production Capacity,

Revenue, Price and Gross Margin (2015-2020)

- 3.3 Toptica Photonics AG
 - 3.3.1 Toptica Photonics AG Company Profile
- 3.3.2 Toptica Photonics AG Ultrafast Terahertz Sensors Product Specification
- 3.3.3 Toptica Photonics AG Ultrafast Terahertz Sensors Production Capacity,

Revenue, Price and Gross Margin (2015-2020)

- 3.4 H?bner GmbH & Co. KG
 - 3.4.1 H?bner GmbH & Co. KG Company Profile
 - 3.4.2 H?bner GmbH & Co. KG Ultrafast Terahertz Sensors Product Specification
 - 3.4.3 H?bner GmbH & Co. KG Ultrafast Terahertz Sensors Production Capacity,

Revenue, Price and Gross Margin (2015-2020)

- 3.5 Bruker
 - 3.5.1 Bruker Company Profile
 - 3.5.2 Bruker Ultrafast Terahertz Sensors Product Specification
- 3.5.3 Bruker Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- 3.6 Daheng New Epoch Technology
 - 3.6.1 Daheng New Epoch Technology Company Profile
- 3.6.2 Daheng New Epoch Technology Ultrafast Terahertz Sensors Product Specification
- 3.6.3 Daheng New Epoch Technology Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- 3.7 EKSPLA
 - 3.7.1 EKSPLA Company Profile
 - 3.7.2 EKSPLA Ultrafast Terahertz Sensors Product Specification
- 3.7.3 EKSPLA Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)



- 3.8 TeraView
 - 3.8.1 TeraView Company Profile
- 3.8.2 TeraView Ultrafast Terahertz Sensors Product Specification
- 3.8.3 TeraView Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- 3.9 Luna Innovations Incorporated
 - 3.9.1 Luna Innovations Incorporated Company Profile
- 3.9.2 Luna Innovations Incorporated Ultrafast Terahertz Sensors Product Specification
- 3.9.3 Luna Innovations Incorporated Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- 3.10 Menlo Systems GmbH
 - 3.10.1 Menlo Systems GmbH Company Profile
- 3.10.2 Menlo Systems GmbH Ultrafast Terahertz Sensors Product Specification
- 3.10.3 Menlo Systems GmbH Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- 3.11 Mesurex
 - 3.11.1 Mesurex Company Profile
 - 3.11.2 Mesurex Ultrafast Terahertz Sensors Product Specification
- 3.11.3 Mesurex Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)

4 GLOBAL ULTRAFAST TERAHERTZ SENSORS MARKET COMPETITION BY MARKET PLAYERS

- 4.1 Global Ultrafast Terahertz Sensors Production Capacity Market Share by Market Players (2015-2020)
- 4.2 Global Ultrafast Terahertz Sensors Revenue Market Share by Market Players (2015-2020)
- 4.3 Global Ultrafast Terahertz Sensors Average Price by Market Players (2015-2020)

5 GLOBAL ULTRAFAST TERAHERTZ SENSORS PRODUCTION BY REGIONS (2015-2020)

- 5.1 North America
 - 5.1.1 North America Ultrafast Terahertz Sensors Market Size (2015-2020)
 - 5.1.2 Ultrafast Terahertz Sensors Key Players in North America (2015-2020)
 - 5.1.3 North America Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.1.4 North America Ultrafast Terahertz Sensors Market Size by Application (2015-2020)



5.2 East Asia

- 5.2.1 East Asia Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.2.2 Ultrafast Terahertz Sensors Key Players in East Asia (2015-2020)
- 5.2.3 East Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.2.4 East Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.3 Europe

- 5.3.1 Europe Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.3.2 Ultrafast Terahertz Sensors Key Players in Europe (2015-2020)
- 5.3.3 Europe Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.3.4 Europe Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.4 South Asia

- 5.4.1 South Asia Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.4.2 Ultrafast Terahertz Sensors Key Players in South Asia (2015-2020)
- 5.4.3 South Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.4.4 South Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.5 Southeast Asia

- 5.5.1 Southeast Asia Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.5.2 Ultrafast Terahertz Sensors Key Players in Southeast Asia (2015-2020)
- 5.5.3 Southeast Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.5.4 Southeast Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.6 Middle East

- 5.6.1 Middle East Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.6.2 Ultrafast Terahertz Sensors Key Players in Middle East (2015-2020)
- 5.6.3 Middle East Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.6.4 Middle East Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.7 Africa

- 5.7.1 Africa Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.7.2 Ultrafast Terahertz Sensors Key Players in Africa (2015-2020)
- 5.7.3 Africa Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.7.4 Africa Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.8 Oceania

- 5.8.1 Oceania Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.8.2 Ultrafast Terahertz Sensors Key Players in Oceania (2015-2020)
- 5.8.3 Oceania Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.8.4 Oceania Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

5.9 South America

- 5.9.1 South America Ultrafast Terahertz Sensors Market Size (2015-2020)
- 5.9.2 Ultrafast Terahertz Sensors Key Players in South America (2015-2020)



- 5.9.3 South America Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.9.4 South America Ultrafast Terahertz Sensors Market Size by Application (2015-2020)
- 5.10 Rest of the World
 - 5.10.1 Rest of the World Ultrafast Terahertz Sensors Market Size (2015-2020)
 - 5.10.2 Ultrafast Terahertz Sensors Key Players in Rest of the World (2015-2020)
 - 5.10.3 Rest of the World Ultrafast Terahertz Sensors Market Size by Type (2015-2020)
- 5.10.4 Rest of the World Ultrafast Terahertz Sensors Market Size by Application (2015-2020)

6 GLOBAL ULTRAFAST TERAHERTZ SENSORS CONSUMPTION BY REGION (2015-2020)

- 6.1 North America
 - 6.1.1 North America Ultrafast Terahertz Sensors Consumption by Countries
 - 6.1.2 United States
 - 6.1.3 Canada
 - 6.1.4 Mexico
- 6.2 East Asia
 - 6.2.1 East Asia Ultrafast Terahertz Sensors Consumption by Countries
 - 6.2.2 China
 - 6.2.3 Japan
 - 6.2.4 South Korea
- 6.3 Europe
 - 6.3.1 Europe Ultrafast Terahertz Sensors Consumption by Countries
 - 6.3.2 Germany
 - 6.3.3 United Kingdom
 - 6.3.4 France
 - 6.3.5 Italy
 - 6.3.6 Russia
 - 6.3.7 Spain
 - 6.3.8 Netherlands
 - 6.3.9 Switzerland
 - 6.3.10 Poland
- 6.4 South Asia
 - 6.4.1 South Asia Ultrafast Terahertz Sensors Consumption by Countries
 - 6.4.2 India
- 6.5 Southeast Asia
 - 6.5.1 Southeast Asia Ultrafast Terahertz Sensors Consumption by Countries



- 6.5.2 Indonesia
- 6.5.3 Thailand
- 6.5.4 Singapore
- 6.5.5 Malaysia
- 6.5.6 Philippines
- 6.6 Middle East
 - 6.6.1 Middle East Ultrafast Terahertz Sensors Consumption by Countries
 - 6.6.2 Turkey
 - 6.6.3 Saudi Arabia
 - 6.6.4 Iran
 - 6.6.5 United Arab Emirates
- 6.7 Africa
 - 6.7.1 Africa Ultrafast Terahertz Sensors Consumption by Countries
 - 6.7.2 Nigeria
 - 6.7.3 South Africa
- 6.8 Oceania
 - 6.8.1 Oceania Ultrafast Terahertz Sensors Consumption by Countries
 - 6.8.2 Australia
- 6.9 South America
 - 6.9.1 South America Ultrafast Terahertz Sensors Consumption by Countries
 - 6.9.2 Brazil
 - 6.9.3 Argentina
- 6.10 Rest of the World
 - 6.10.1 Rest of the World Ultrafast Terahertz Sensors Consumption by Countries

7 GLOBAL ULTRAFAST TERAHERTZ SENSORS PRODUCTION FORECAST BY REGIONS (2021-2026)

- 7.1 Global Forecasted Production of Ultrafast Terahertz Sensors (2021-2026)
- 7.2 Global Forecasted Revenue of Ultrafast Terahertz Sensors (2021-2026)
- 7.3 Global Forecasted Price of Ultrafast Terahertz Sensors (2021-2026)
- 7.4 Global Forecasted Production of Ultrafast Terahertz Sensors by Region (2021-2026)
- 7.4.1 North America Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.2 East Asia Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.3 Europe Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.4 South Asia Ultrafast Terahertz Sensors Production, Revenue Forecast



(2021-2026)

- 7.4.5 Southeast Asia Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.6 Middle East Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.7 Africa Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.8 Oceania Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.9 South America Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.4.10 Rest of the World Ultrafast Terahertz Sensors Production, Revenue Forecast (2021-2026)
- 7.5 Forecast by Type and by Application (2021-2026)
- 7.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2021-2026)
- 7.5.2 Global Forecasted Consumption of Ultrafast Terahertz Sensors by Application (2021-2026)

8 GLOBAL ULTRAFAST TERAHERTZ SENSORS CONSUMPTION FORECAST BY REGIONS (2021-2026)

- 8.1 North America Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.2 East Asia Market Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.3 Europe Market Forecasted Consumption of Ultrafast Terahertz Sensors by Countriy
- 8.4 South Asia Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.5 Southeast Asia Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.6 Middle East Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.7 Africa Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.8 Oceania Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.9 South America Forecasted Consumption of Ultrafast Terahertz Sensors by Country
- 8.10 Rest of the world Forecasted Consumption of Ultrafast Terahertz Sensors by Country

9 GLOBAL ULTRAFAST TERAHERTZ SENSORS SALES BY TYPE (2015-2026)

- 9.1 Global Ultrafast Terahertz Sensors Historic Market Size by Type (2015-2020)
- 9.2 Global Ultrafast Terahertz Sensors Forecasted Market Size by Type (2021-2026)

10 GLOBAL ULTRAFAST TERAHERTZ SENSORS CONSUMPTION BY



APPLICATION (2015-2026)

- 10.1 Global Ultrafast Terahertz Sensors Historic Market Size by Application (2015-2020)
- 10.2 Global Ultrafast Terahertz Sensors Forecasted Market Size by Application (2021-2026)

11 GLOBAL ULTRAFAST TERAHERTZ SENSORS MANUFACTURING COST ANALYSIS

- 11.1 Ultrafast Terahertz Sensors Key Raw Materials Analysis
 - 11.1.1 Key Raw Materials
- 11.2 Proportion of Manufacturing Cost Structure
- 11.3 Manufacturing Process Analysis of Ultrafast Terahertz Sensors

12 GLOBAL ULTRAFAST TERAHERTZ SENSORS MARKETING CHANNEL, DISTRIBUTORS, CUSTOMERS AND SUPPLY CHAIN

- 12.1 Marketing Channel
- 12.2 Ultrafast Terahertz Sensors Distributors List
- 12.3 Ultrafast Terahertz Sensors Customers
- 12.4 Ultrafast Terahertz Sensors Supply Chain Analysis

13 ANALYST'S VIEWPOINTS/CONCLUSIONS

14 DISCLAIMER



List Of Tables

LIST OF TABLES AND FIGURES

- Table 1. Research Programs/Design for This Report
- Table 2. Key Data Information from Secondary Sources
- Table 3. Key Executives Interviewed
- Table 4. Key Data Information from Primary Sources
- Table 5. Key Players Covered: Ranking by Ultrafast Terahertz Sensors Revenue (US\$ Million) 2015-2020
- Table 6. Global Ultrafast Terahertz Sensors Market Size by Type (US\$ Million): 2021-2026
- Table 7. Photonic Sensing Features
- Table 8. Electronic Sensing Features
- Table 16. Global Ultrafast Terahertz Sensors Market Size by Application (US\$ Million): 2021-2026
- Table 17. Medical Equipment Case Studies
- Table 18. Biological Research Case Studies
- Table 19. Agricultural Research Case Studies
- Table 20. Military Case Studies
- Table 21. Industry Case Studies
- Table 26. Overview of the World Economic Outlook Projections
- Table 27. Summary of World Real per Capita Output (Annual percent change; in international currency at purchasing power parity)
- Table 28. European Economies: Real GDP, Consumer Prices, Current Account
- Balance, and Unemployment (Annual percent change, unless noted otherwise)
- Table 29. Asian and Pacific Economies: Real GDP, Consumer Prices, Current Account
- Balance, and Unemployment (Annual percent change, unless noted otherwise)
- Table 30. Western Hemisphere Economies: Real GDP, Consumer Prices, Current
- Account Balance, and Unemployment (Annual percent change, unless noted otherwise)
- Table 31. Middle Eastern and Central Asian Economies: Real GDP, Consumer Prices,
- Current Account Balance, and Unemployment (Annual percent change, unless noted otherwise)
- Table 32. Commodity Prices-Metals Price Indices
- Table 33. Commodity Prices- Precious Metal Price Indices
- Table 34. Commodity Prices- Agricultural Raw Material Price Indices
- Table 35. Commodity Prices- Food and Beverage Price Indices
- Table 36. Commodity Prices- Fertilizer Price Indices
- Table 37. Commodity Prices- Energy Price Indices
- Table 38. G20+: Economic Policy Responses to COVID-19



- Table 39. Covid-19 Impact: Global Major Government Policy
- Table 40. Ultrafast Terahertz Sensors Report Years Considered
- Table 41. Market Top Trends
- Table 42. Key Drivers: Impact Analysis
- Table 43. Key Challenges
- Table 44. Porter's Five Forces Analysis
- Table 45. Ultrafast Terahertz Sensors Market Growth Strategy
- Table 46. Ultrafast Terahertz Sensors SWOT Analysis
- Table 47. Advantest Corporation Ultrafast Terahertz Sensors Product Specification
- Table 48. Advantest Corporation Ultrafast Terahertz Sensors Production Capacity,
- Revenue, Price and Gross Margin (2015-2020)
- Table 49. Terasense Group Inc. Ultrafast Terahertz Sensors Product Specification
- Table 50. Terasense Group Inc. Ultrafast Terahertz Sensors Production Capacity,
- Revenue, Price and Gross Margin (2015-2020)
- Table 51. Toptica Photonics AG Ultrafast Terahertz Sensors Product Specification
- Table 52. Toptica Photonics AG Ultrafast Terahertz Sensors Production Capacity,
- Revenue, Price and Gross Margin (2015-2020)
- Table 53. H?bner GmbH & Co. KG Ultrafast Terahertz Sensors Product Specification
- Table 54. Table H?bner GmbH & Co. KG Ultrafast Terahertz Sensors Production
- Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 55. Bruker Ultrafast Terahertz Sensors Product Specification
- Table 56. Bruker Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 57. Daheng New Epoch Technology Ultrafast Terahertz Sensors Product Specification
- Table 58. Daheng New Epoch Technology Ultrafast Terahertz Sensors Production
- Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 59. EKSPLA Ultrafast Terahertz Sensors Product Specification
- Table 60. EKSPLA Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 61. TeraView Ultrafast Terahertz Sensors Product Specification
- Table 62. TeraView Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 63. Luna Innovations Incorporated Ultrafast Terahertz Sensors Product Specification
- Table 64. Luna Innovations Incorporated Ultrafast Terahertz Sensors Production
- Capacity, Revenue, Price and Gross Margin (2015-2020)
- Table 65. Menlo Systems GmbH Ultrafast Terahertz Sensors Product Specification
- Table 66. Menlo Systems GmbH Ultrafast Terahertz Sensors Production Capacity,



Revenue, Price and Gross Margin (2015-2020)

Table 67. Mesurex Ultrafast Terahertz Sensors Product Specification

Table 68. Mesurex Ultrafast Terahertz Sensors Production Capacity, Revenue, Price and Gross Margin (2015-2020)

Table 147. Global Ultrafast Terahertz Sensors Production Capacity by Market Players

Table 148. Global Ultrafast Terahertz Sensors Production by Market Players (2015-2020)

Table 149. Global Ultrafast Terahertz Sensors Production Market Share by Market Players (2015-2020)

Table 150. Global Ultrafast Terahertz Sensors Revenue by Market Players (2015-2020)

Table 151. Global Ultrafast Terahertz Sensors Revenue Share by Market Players (2015-2020)

Table 152. Global Market Ultrafast Terahertz Sensors Average Price of Key Market Players (2015-2020)

Table 153. North America Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)

Table 154. North America Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)

Table 155. North America Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 156. North America Ultrafast Terahertz Sensors Market Share by Type (2015-2020)

Table 157. North America Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 158. North America Ultrafast Terahertz Sensors Market Share by Application (2015-2020)

Table 159. East Asia Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Table 160. East Asia Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)

Table 161. East Asia Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)

Table 162. East Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 163. East Asia Ultrafast Terahertz Sensors Market Share by Type (2015-2020)

Table 164. East Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 165. East Asia Ultrafast Terahertz Sensors Market Share by Application (2015-2020)



- Table 166. Europe Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)
- Table 167. Europe Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)
- Table 168. Europe Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)
- Table 169. Europe Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)
- Table 170. Europe Ultrafast Terahertz Sensors Market Share by Type (2015-2020)
- Table 171. Europe Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)
- Table 172. Europe Ultrafast Terahertz Sensors Market Share by Application (2015-2020)
- Table 173. South Asia Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)
- Table 174. South Asia Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)
- Table 175. South Asia Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)
- Table 176. South Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)
- Table 177. South Asia Ultrafast Terahertz Sensors Market Share by Type (2015-2020)
- Table 178. South Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)
- Table 179. South Asia Ultrafast Terahertz Sensors Market Share by Application (2015-2020)
- Table 180. Southeast Asia Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)
- Table 181. Southeast Asia Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)
- Table 182. Southeast Asia Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)
- Table 183. Southeast Asia Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)
- Table 184. Southeast Asia Ultrafast Terahertz Sensors Market Share by Type (2015-2020)
- Table 185. Southeast Asia Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)
- Table 186. Southeast Asia Ultrafast Terahertz Sensors Market Share by Application (2015-2020)



Table 187. Middle East Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Table 188. Middle East Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)

Table 189. Middle East Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)

Table 190. Middle East Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 191. Middle East Ultrafast Terahertz Sensors Market Share by Type (2015-2020)

Table 192. Middle East Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 193. Middle East Ultrafast Terahertz Sensors Market Share by Application (2015-2020)

Table 194. Africa Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Table 195. Africa Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)

Table 196. Africa Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)

Table 197. Africa Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 198. Africa Ultrafast Terahertz Sensors Market Share by Type (2015-2020)

Table 199. Africa Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 200. Africa Ultrafast Terahertz Sensors Market Share by Application (2015-2020)

Table 201. Oceania Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Table 202. Oceania Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)

Table 203. Oceania Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)

Table 204. Oceania Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 205. Oceania Ultrafast Terahertz Sensors Market Share by Type (2015-2020)

Table 206. Oceania Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 207. Oceania Ultrafast Terahertz Sensors Market Share by Application (2015-2020)

Table 208. South America Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Table 209. South America Key Players Ultrafast Terahertz Sensors Revenue



- (2015-2020) (US\$ Million)
- Table 210. South America Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)
- Table 211. South America Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)
- Table 212. South America Ultrafast Terahertz Sensors Market Share by Type (2015-2020)
- Table 213. South America Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)
- Table 214. South America Ultrafast Terahertz Sensors Market Share by Application (2015-2020)
- Table 215. Rest of the World Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)
- Table 216. Rest of the World Key Players Ultrafast Terahertz Sensors Revenue (2015-2020) (US\$ Million)
- Table 217. Rest of the World Key Players Ultrafast Terahertz Sensors Market Share (2015-2020)
- Table 218. Rest of the World Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)
- Table 219. Rest of the World Ultrafast Terahertz Sensors Market Share by Type (2015-2020)
- Table 220. Rest of the World Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)
- Table 221. Rest of the World Ultrafast Terahertz Sensors Market Share by Application (2015-2020)
- Table 222. North America Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 223. East Asia Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 224. Europe Ultrafast Terahertz Sensors Consumption by Region (2015-2020)
- Table 225. South Asia Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 226. Southeast Asia Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 227. Middle East Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 228. Africa Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 229. Oceania Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)



- Table 230. South America Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 231. Rest of the World Ultrafast Terahertz Sensors Consumption by Countries (2015-2020)
- Table 232. Global Ultrafast Terahertz Sensors Production Forecast by Region (2021-2026)
- Table 233. Global Ultrafast Terahertz Sensors Sales Volume Forecast by Type (2021-2026)
- Table 234. Global Ultrafast Terahertz Sensors Sales Volume Market Share Forecast by Type (2021-2026)
- Table 235. Global Ultrafast Terahertz Sensors Sales Revenue Forecast by Type (2021-2026)
- Table 236. Global Ultrafast Terahertz Sensors Sales Revenue Market Share Forecast by Type (2021-2026)
- Table 237. Global Ultrafast Terahertz Sensors Sales Price Forecast by Type (2021-2026)
- Table 238. Global Ultrafast Terahertz Sensors Consumption Volume Forecast by Application (2021-2026)
- Table 239. Global Ultrafast Terahertz Sensors Consumption Value Forecast by Application (2021-2026)
- Table 240. North America Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 241. East Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 242. Europe Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 243. South Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 244. Southeast Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 245. Middle East Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 246. Africa Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 247. Oceania Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 248. South America Ultrafast Terahertz Sensors Consumption Forecast 2021-2026 by Country
- Table 249. Rest of the world Ultrafast Terahertz Sensors Consumption Forecast



2021-2026 by Country

Table 250. Global Ultrafast Terahertz Sensors Market Size by Type (2015-2020) (US\$ Million)

Table 251. Global Ultrafast Terahertz Sensors Revenue Market Share by Type (2015-2020)

Table 252. Global Ultrafast Terahertz Sensors Forecasted Market Size by Type (2021-2026) (US\$ Million)

Table 253. Global Ultrafast Terahertz Sensors Revenue Market Share by Type (2021-2026)

Table 254. Global Ultrafast Terahertz Sensors Market Size by Application (2015-2020) (US\$ Million)

Table 255. Global Ultrafast Terahertz Sensors Revenue Market Share by Application (2015-2020)

Table 256. Global Ultrafast Terahertz Sensors Forecasted Market Size by Application (2021-2026) (US\$ Million)

Table 257. Global Ultrafast Terahertz Sensors Revenue Market Share by Application (2021-2026)

Table 258. Ultrafast Terahertz Sensors Distributors List

Table 259. Ultrafast Terahertz Sensors Customers List

Figure 1. Product Figure

Figure 2. Global Ultrafast Terahertz Sensors Market Share by Type: 2020 VS 2026

Figure 3. Global Ultrafast Terahertz Sensors Market Share by Application: 2020 VS 2026

Figure 4. North America Ultrafast Terahertz Sensors Market Size YoY Growth (2015-2020) (US\$ Million)

Figure 5. North America Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 6. North America Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020

Figure 7. United States Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 8. Canada Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 9. Mexico Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 10. East Asia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)



- Figure 11. East Asia Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020
- Figure 12. China Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 13. Japan Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 14. South Korea Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 15. Europe Ultrafast Terahertz Sensors Consumption and Growth Rate
- Figure 16. Europe Ultrafast Terahertz Sensors Consumption Market Share by Region in 2020
- Figure 17. Germany Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 18. United Kingdom Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 19. France Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 20. Italy Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 21. Russia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 22. Spain Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 23. Netherlands Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 24. Switzerland Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 25. Poland Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 26. South Asia Ultrafast Terahertz Sensors Consumption and Growth Rate
- Figure 27. South Asia Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020
- Figure 28. India Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 29. Southeast Asia Ultrafast Terahertz Sensors Consumption and Growth Rate
- Figure 30. Southeast Asia Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020
- Figure 31. Indonesia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)
- Figure 32. Thailand Ultrafast Terahertz Sensors Consumption and Growth Rate



(2015-2020)

Figure 33. Singapore Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 34. Malaysia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 35. Philippines Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 36. Middle East Ultrafast Terahertz Sensors Consumption and Growth Rate

Figure 37. Middle East Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020

Figure 38. Turkey Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 39. Saudi Arabia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 40. Iran Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 41. United Arab Emirates Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 42. Africa Ultrafast Terahertz Sensors Consumption and Growth Rate

Figure 43. Africa Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020

Figure 44. Nigeria Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 45. South Africa Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 46. Oceania Ultrafast Terahertz Sensors Consumption and Growth Rate

Figure 47. Oceania Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020

Figure 48. Australia Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 49. South America Ultrafast Terahertz Sensors Consumption and Growth Rate

Figure 50. South America Ultrafast Terahertz Sensors Consumption Market Share by Countries in 2020

Figure 51. Brazil Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 52. Argentina Ultrafast Terahertz Sensors Consumption and Growth Rate (2015-2020)

Figure 53. Rest of the World Ultrafast Terahertz Sensors Consumption and Growth Rate

Figure 54. Rest of the World Ultrafast Terahertz Sensors Consumption Market Share by



Countries in 2020

Figure 55. Global Ultrafast Terahertz Sensors Production Capacity Growth Rate Forecast (2021-2026)

Figure 56. Global Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 57. Global Ultrafast Terahertz Sensors Price and Trend Forecast (2021-2026)

Figure 58. North America Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 59. North America Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 60. East Asia Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 61. East Asia Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 62. Europe Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 63. Europe Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 64. South Asia Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 65. South Asia Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 66. Southeast Asia Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 67. Southeast Asia Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 68. Middle East Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 69. Middle East Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 70. Africa Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 71. Africa Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 72. Oceania Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 73. Oceania Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 74. South America Ultrafast Terahertz Sensors Production Growth Rate Forecast



(2021-2026)

Figure 75. South America Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 76. Rest of the World Ultrafast Terahertz Sensors Production Growth Rate Forecast (2021-2026)

Figure 77. Rest of the World Ultrafast Terahertz Sensors Revenue Growth Rate Forecast (2021-2026)

Figure 78. North America Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 79. East Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 80. Europe Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 81. South Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 82. Southeast Asia Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 83. Middle East Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 84. Africa Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 85. Oceania Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 86. South America Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 87. Rest of the world Ultrafast Terahertz Sensors Consumption Forecast 2021-2026

Figure 88. Manufacturing Cost Structure of Ultrafast Terahertz Sensors

Figure 89. Manufacturing Process Analysis of Ultrafast Terahertz Sensors

Figure 90. Channels of Distribution

Figure 91. Distributors Profiles

Figure 92. Ultrafast Terahertz Sensors Supply Chain Analysis



I would like to order

Product name: Covid-19 Impact on Global Ultrafast Terahertz Sensors Industry Research Report 2020

Segmented by Major Market Players, Types, Applications and Countries Forecast to 2026

Product link: https://marketpublishers.com/r/CFE7FE0FC139EN.html

Price: US\$ 2,450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/CFE7FE0FC139EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



