

# Global Handset Proximity Sensor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Handset Proximity Sensor market size was valued at USD 697.1 million in 2023 and is forecast to a readjusted size of USD 960.8 million by 2030 with a CAGR of 4.7% during review period.

Proximity Sensor is the distance measurement products based on the principle of optical or acoustic. Its compact, low-profile package enables you to build the sensor into your products, such as smart phones, with high flexibility

The Proximity Sensor used in the Mobil phone is called Handset Proximity Sensor, when user answer the phone, the Handset Proximity Sensor work, and when user's face close to the screen; it will turn off the screen light and lock screen automatically to avoiding the accidental input and saving power of batteries. When user's face away from the screen, the screen light will automatically turn on and unlock automatically.

In the report, price of some products is the whole module price. (Many products are integrated and packaged).

The major players in global Handset Proximity Sensor market include AMS-Taos, Sharp, Vishay(Capella) , etc. The top 3 players occupy about 50% shares of the global market. China is the main market, and occupies about 70% of the global market. Android is the main type, with a share about 80%. Optical Displacement Sensor is the main application, which holds a share over 95%.

The Global Info Research report includes an overview of the development of the

Handset Proximity Sensor industry chain, the market status of Optical Displacement Sensor (Android, ios), Ultrasonic Displacement Sensor (Android, ios), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Handset Proximity Sensor.

Regionally, the report analyzes the Handset Proximity Sensor markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Handset Proximity Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Handset Proximity Sensor market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Handset Proximity Sensor industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Smartphone Operating Systems (e.g., Android, ios).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Handset Proximity Sensor market.

**Regional Analysis:** The report involves examining the Handset Proximity Sensor market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Handset Proximity Sensor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Handset Proximity Sensor:

**Company Analysis:** Report covers individual Handset Proximity Sensor manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Handset Proximity Sensor. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Optical Displacement Sensor, Ultrasonic Displacement Sensor).

**Technology Analysis:** Report covers specific technologies relevant to Handset Proximity Sensor. It assesses the current state, advancements, and potential future developments in Handset Proximity Sensor areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Handset Proximity Sensor market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Handset Proximity Sensor market is split by Smartphone Operating Systems and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Smartphone Operating Systems, and by Application in terms of volume and value.

### Market segment by Smartphone Operating Systems

Android

ios

Windows Phone

BlackBerry

Others

#### Market segment by Application

Optical Displacement Sensor

Ultrasonic Displacement Sensor

#### Major players covered

AMS-TAOS

Sharp

Vishay (Capella)

Avago

Heptagon

Maxim

ST Microelectronics

Intersil

Panasonic

Epticore

Sitronix (Sensortek)

Everlight

Liteon

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

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

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

Chapter 2, to profile the top manufacturers of Handset Proximity Sensor, with price, sales, revenue and global market share of Handset Proximity Sensor from 2019 to 2024.

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

Chapter 4, the Handset Proximity Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Smartphone Operating Systems and application, with sales market share and growth rate by smartphone operating systems, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2023.and Handset Proximity Sensor market forecast, by regions, smartphone operating systems and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Handset Proximity Sensor.

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

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