

# Global Smart Antenna Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014-2025

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## Abstracts

A smart antenna can transmit and/or receive multiple radio frequency (RF) waves, which assists it to increase the speed and accuracy of data transmission. This occurs by use of diversity effect of transmitter and receiver. Smart antennas are applicable in several communication systems such as Internet connections, wireless communications used for long distances, and RADAR communications. In smartphones, these antennas are used to cater to the high-speed data transmission requirements. Global smart antenna market is expected to grow at a CAGR of 7.9% from 2017 to 2025.

Based on type, the market is bifurcated into switched multibeam antenna and adaptive array antenna. The technology segment comprises SIMO, MIMO, and MISO. The application segment is further divided into Wi-Fi systems, WiMax systems, cellular systems, RADAR, and others. By geography, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

## MARKET DYNAMICS:

### Drivers:

Rise in demand for smartphone antenna in wireless communication

Increase in demand for smart antenna in smartphone

High-speed communication requirement

### Restraints:

High manufacturing cost

## **MARKET PLAYERS:**

Top market players profiled in the report are Motorola, Inc. Bell labs, Qualcomm Inc., Philips Semiconductor, Molex, Texas instruments Incorporated, Kyocera Corporation, Intel Corp., Airgo Networks Inc., and Broadcom Corp.

## **KEY TAKEAWAYS**

## **MARKET LANDSCAPE**

By Type

Switched Multibeam Antenna

Adaptive Array Antenna

By Technology

Single Input Multiple Output (SIMO)

Multiple Input Multiple Output (MIMO)

(Multiple Input Single Output (MISO)

By Application

Wi-Fi Systems

WiMax Systems

Cellular Systems

RADAR

Others

## By Geography

### North America

U.S.

Canada

Mexico

### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

### Asia-Pacific

Australia

China

Japan

India

Singapore

Rest of Asia-Pacific

### LAMEA

Brazil

Saudi Arabia

Rest of LAMEA

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## **COMPANIES MENTIONED**

Texas instruments Incorporated, Kyocera Corporation, Intel Corp., Airgo Netwroks Inc., and Broadcom Corp.

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