

# Terahertz Technology Market - Forecasts from 2018 to 2023

<https://marketpublishers.com/r/T21709659A1EN.html>

Date: January 2018

Pages: 82

Price: US\$ 3,600.00 (Single User License)

ID: T21709659A1EN

## Abstracts

The terahertz technology market was valued at US\$185.98 million in 2017 and is projected to expand at a CAGR of 33.61% over the forecast period to reach US\$19.976 million by 2023. Terahertz radiation refers to the electromagnetic waves propagating at frequencies in the terahertz range. It is used as an indicator of the frequency of infrared, visible, and ultraviolet radiation. The use of terahertz technology is increasing because of its ability to penetrate through a wide variety of dielectric materials apart from its non-ionizing and minimal effect on the human body.

## Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

## Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges and opportunities which exist in the current market. This section of the report also provides industry regulation as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of terahertz technology. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

## Segmentation

Segments covered under the terahertz technology market report are as below:

By Type

Terahertz Imaging

Terahertz Communication System

Terahertz Spectroscopy

By Technology

Terahertz Sources

Terahertz Detector

By End-User Application

Healthcare

Food & Agriculture

Defense & Security

Others

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

Middle East and Africa

Asia Pacific

Key industry players profiled as part of this report are Menlo Systems GmbH, TeraView, Microtech Instrument Inc., Advantest Corporation, ACAL PLC, Digital Barriers PLC, Gentec Electro-Optics, Terasense, and Toptica Photonics AG.

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