

Germanium Optics Market - Global Outlook and Forecast 2022-2028

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Abstracts

Germanium (Ge) is a relatively hard, high-density, IR transmitting material that blocks UV and VIS wavelengths but allows IR from 2 μ m. Typical applications for Germanium include thermal imaging where the material can be used as a front optic while its index of refraction makes Germanium useful for wide-angle lenses and microscopes.

This report contains market size and forecasts of Germanium Optics in global, including the following market information:

Global Germanium Optics Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Germanium Optics Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Germanium Optics companies in 2021 (%)

The global Germanium Optics market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Germanium Window Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Germanium Optics include Umicore, Zygo Corporation, Shalom EO, Edmund Optics, Thorlabs, Crystran, Galvoptics, Hyperion Optics and Alkor Technologies, etc. In 2021, the global top five players have a share approximately % in

terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Germanium Optics manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Germanium Optics Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Optics Market Segment Percentages, by Type, 2021 (%)

Germanium Window

Germanium Lense

Germanium Prism

Global Germanium Optics Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Optics Market Segment Percentages, by Application, 2021 (%)

Military & Defense

Industrial

Commercial

Medical

Others

Global Germanium Optics Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Germanium Optics Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Germanium Optics revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Germanium Optics revenues share in global market, 2021 (%)

Key companies Germanium Optics sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Germanium Optics sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Umicore

Zygo Corporation

Shalom EO

Edmund Optics

Thorlabs

Crystran

Galvoptics

Hyperion Optics

Alkor Technologies

EKSMA Optics

UQG Optics

Especial Optic

Research Electro-Optics

Knight Optical

Tydex

Creator Optics

A. Optical Components

PO.DE.O

Honor Optics

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