

Visible Light Communication (VLC) Market - Global Outlook and Forecast 2022-2028

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Abstracts

Visible Light Communications (VLC), a subset of optical wireless communications technologies, is an emerging area of broadband transmission technology which uses light in the visible region (780-375nm) to transfer data.

This report contains market size and forecasts of Visible Light Communication (VLC) in Global, including the following market information:

Global Visible Light Communication (VLC) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Visible Light Communication (VLC) market was valued at 2416.9 million in 2021 and is projected to reach US\$ 8507.2 million by 2028, at a CAGR of 19.7% during the forecast period.

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

Visible Light LED Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Visible Light Communication (VLC) include Tokyo Electric Power, KDDI R&D Laboratories, NEC, Matsushita Electric Works, Nippon Signal, Information System Research Institute, Toshiba, Samsung Electronics and Avago Technologies Japan, etc. In 2021, the global top five players have a share

approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Visible Light Communication (VLC) companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Visible Light Communication (VLC) Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Visible Light Communication (VLC) Market Segment Percentages, by Type, 2021 (%)

Visible Light LED

Diodes

Image Sensor

IR Transmitter

Optical Coupler

Other

Global Visible Light Communication (VLC) Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Visible Light Communication (VLC) Market Segment Percentages, by Application, 2021 (%)

Vehicles, Traffic

Defense, Security

Hospitals, Medical Care

Aviation

Mining

Global Visible Light Communication (VLC) Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global Visible Light Communication (VLC) 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 Visible Light Communication (VLC) revenues in global market,

2017-2022 (estimated), (\$ millions)

Key companies Visible Light Communication (VLC) revenues share in global market, 2021 (%)

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

Tokyo Electric Power

KDDI R&D Laboratories

NEC

Matsushita Electric Works

Nippon Signal

Information System Research Institute

Toshiba

Samsung Electronics

Avago Technologies Japan

Toyoda Gosei

SONY

NTT Dokomo

Casio Computer

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