

Global Li-Fi (Light Fidelity Communication systems) Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Li-Fi (Light Fidelity Communication systems) market size was valued at US\$ 636.7 million in 2023. With growing demand in downstream market, the Li-Fi (Light Fidelity Communication systems) is forecast to a readjusted size of US\$ 3107.5 million by 2030 with a CAGR of 25.4% during review period.

The research report highlights the growth potential of the global Li-Fi (Light Fidelity Communication systems) market. Li-Fi (Light Fidelity Communication systems) are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Li-Fi (Light Fidelity Communication systems). Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Li-Fi (Light Fidelity Communication systems) market.

The Global Mobile Economy Development Report 2023 released by GSMA Intelligence pointed out that by the end of 2022, the number of global mobile users would exceed 5.4 billion. The mobile ecosystem supports 16 million jobs directly and 12 million jobs indirectly.

According to our Communications Research Centre, in 2022, the global communication equipment was valued at US\$ 100 billion. The U.S. and China are powerhouses in the manufacture of communications equipment. According to data from the Ministry of Industry and Information Technology of China, the cumulative revenue of

telecommunications services in 2022 was \$1.58 trillion, an increase of 8% over the previous year. The total amount of telecommunications business calculated at the price of the previous year reached \$1.75 trillion, a year-on-year increase of 21.3%. In the same year, the fixed Internet broadband access business revenue was \$240.2 billion, an increase of 7.1% over the previous year, and its proportion in the telecommunications business revenue decreased from 15.3% in the previous year to 15.2%, driving the telecommunications business revenue to increase by 1.1 percentage points.

Key Features:

The report on Li-Fi (Light Fidelity Communication systems) market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Li-Fi (Light Fidelity Communication systems) market. It may include historical data, market segmentation by Type (e.g., Photodetector, Light-Emitting Diode), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Li-Fi (Light Fidelity Communication systems) market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Li-Fi (Light Fidelity Communication systems) market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Li-Fi (Light Fidelity Communication systems) industry. This include advancements in Li-Fi (Light Fidelity Communication systems) technology, Li-Fi (Light Fidelity Communication systems) new entrants, Li-Fi (Light Fidelity Communication systems) new investment, and other innovations that are shaping the future of Li-Fi (Light Fidelity Communication systems).

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Li-Fi (Light Fidelity Communication

systems) market. It includes factors influencing customer ' purchasing decisions, preferences for Li-Fi (Light Fidelity Communication systems) product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Li-Fi (Light Fidelity Communication systems) market. This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Li-Fi (Light Fidelity Communication systems) market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Li-Fi (Light Fidelity Communication systems) market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Li-Fi (Light Fidelity Communication systems) industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Li-Fi (Light Fidelity Communication systems) market.

Market Segmentation:

Li-Fi (Light Fidelity Communication systems) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Segmentation by type

Photodetector

Light-Emitting Diode

Software and Services

Modulation

Vehicle and Transportation

Underwater Communication

Consumer Electronics

Hazardous Environment

Street Lights

Other

Segmentation by application

Hospital

Defense and Security

Smart Store

Aviation

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered

from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Axrtek

Bytelight, Inc. (Acuity)

Fujitsu

General Electric Co.

Ibsentelecom Ltd.

Integrated System Technologies Ltd

Koninklijke Philips N.V.

Lightbee Corp.

Lucibel

LVX System

Oledcomm

Outstanding Technology Corp.

Panasonic Corp.

Purelifi Ltd.

Qualcomm Incorporated

Renesas Electronics Corporation

Supreme Architecture Inc.

Velmenni

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