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Global Image Intensifier Market Size study & Forecast, by Generation (1st Generation, 2nd Generation, 3rd Generation, 4th Generation) By Application (Night Vision Camera, Binocular & Goggles, Scopes, X-ray Detector, Other) By End User (Military & Defence, Healthcare and Medical, Government & Law Enforcement, Other) and Regional Analysis, 2022-2029

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Abstracts

Global Image Intensifier Market is valued approximately at USD 890.5 million in 2021 and is anticipated to grow with a healthy growth rate of more than 3.1% over the forecast period 2022-2029. An image intensifier, also known as an image intensification device or night vision device, is an electro-optical device used to enhance low-light or night-time vision. It is commonly used in the military, law enforcement, surveillance and other applications where improved vision in low-light conditions is necessary. The Image Intensifier market is expanding because of factors such as growing demand for high-speed imaging devices and increasing use of diagnostic systems.

Image intensifier involves converting incoming photons, or light particles, into electrons, amplifying those electrons, and then converting them back into visible light to produce a brighter image that can be viewed by the human eye or captured by a camera. Its importance has progressively increased during the last few decades. According to the Statista, the global diagnostic imaging market is dominated by three companies which are all expected to maintain a share of about 20 or more percent until 2024. These three firms are Siemens from Germany, General Electric Healthcare from the United States, and Philips from the Netherlands. The global diagnostic imaging market is valued around USD 40 billion. As diagnostic imaging enables medical examiners to inspect the internal structure of a person in order to identify an underlying disease. Different

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techniques and machines allow radiologists and other health professionals to take a picture of the structures and activities occurring in the body. Another important component driving space increase is the use of diagnostic systems. As per Statista, the Diagnostic Imaging Devices market is estimated to reach USD 46.41 billion in 2023 and expected to show an annual growth rate of 4.78% between 2023 and 2027. In global comparison, major portion of revenue will be generated in the United States USD 11,350 million in 2023. In addition, the global point of care diagnostics market size will estimate to reach over USD 40 billion in 2022. However, the high cost of Image Intensifier stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Image Intensifier Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominates the market in terms of revenue, owing to the presence of key market players in the region. According to the Statista, in 2015, the medical imaging information systems market in the U.S. was valued around USD 2.8 billion and expected to grow to about USD 5 billion by the year 2022. Furthermore, Asia Pacific is expected to grow fastest during the forecast period, owing to factors such as geographic expansion of key players, and active participation of government organizations in the market space.

Major market player included in this report are:

L3 Technologies, Inc. (US)
Thales S.A. (FRANCE)
FLIR Systems, Inc. (US)
Siemens AG (GERMANY)
Canon Medical Systems Corporation (JAPAN)
ASELSAN A.S. (TURKEY)
Photonis Technologies SAS (FRANCE)
Ziehm Imaging GmbH (GERMANY)
Dantec Dynamics A/S (DENMARK)
Lambert Instruments BV (NETHERLANDS)

Recent Developments in the Market:
In July 2022, Subtle Medical, and Siemens Healthineers, collaborated together for the integration of Subtle Medical's SubtleMRTM image-enhancement software into Siemens Healthineers' new reconstruction pipeline, Open Recon. It provides deep learning post-processing on faster MRI images for eliminating and higher sharpness, resulting in higher picture quality, optimized workflow, and a better patient experience.

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Global Image Intensifier Market Report Scope:
Historical Data 2019-2020-2021
Base Year for Estimation 2021
Forecast period 2022-2029
Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends
Segments Covered Generation, Application, End User, Region
Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World
Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Generation
1st Generation
2nd Generation
3rd Generation
4th Generation

By Application
Night Vision Camera
Binocular & Goggles
Scopes
X-ray Detector
Other

By End User
Military & Defence
Healthcare and Medical
Government & Law Enforcement

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Other

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
RoLA
Rest of the World

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