

# Global Image Intensifier Tubes for Night Vision Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/I787C8F5EE48EN.html>

Date: July 2025

Pages: 91

Price: US\$ 3,480.00 (Single User License)

ID: I787C8F5EE48EN

## Abstracts

According to our (Global Info Research) latest study, the global Image Intensifier Tubes for Night Vision market size was valued at US\$ 1255 million in 2024 and is forecast to a readjusted size of USD 2092 million by 2031 with a CAGR of 7.7% during review period.

Image Intensifier Tubes for Night Vision is a photoelectric conversion device that is mainly used to enhance the brightness and clarity of weak light, so that visible light images can be observed by the human eye. Low-light image intensifier is the core component of low-light night vision devices and plays a decisive role in the imaging quality of low-light night vision devices.

Image Intensifier Tubes are not only used in the military field, but also play an important role in public security, traffic monitoring, hunting and outdoor adventure. With the continuous advancement of technology, its application areas are still expanding. Traditional image intensifier tubes are being replaced by new technologies such as digital sensors. Digital sensors can provide higher resolution, clearer image quality and longer service life. However, in certain specific fields, such as military reconnaissance and extreme environments, image intensifier tubes still have irreplaceable advantages. With the increasingly severe global security situation and the gradual opening of the civilian market, the market demand for image intensifier tubes for night vision continues to grow. Especially in the fields of national defense, public security, fire protection, etc., high-performance night vision equipment has become an indispensable equipment. In terms of market competition, there is fierce competition in the market for image intensifier tubes for night vision. Many domestic and foreign companies are conducting technical research and development and market expansion in this field. In the future, the market for image intensifier tubes for night vision will show the following trends: With

the continuous development of artificial intelligence technology, night vision equipment will pay more attention to intelligent development. By integrating technologies such as AI recognition and AR augmented reality, night vision equipment will be able to provide richer information and a more convenient operating experience. With the continuous advancement of technology, image intensifier tubes for night vision will continue to improve their performance. For example, improving image clarity, enhancing anti-interference ability, and extending service life. These performance improvements will enable night vision equipment to be used in more fields. With the diversification of market demand, customized services will become a major trend in the night vision image intensification tube market. Companies need to provide customized products and services based on the specific needs of customers to meet application needs in different fields and scenarios.

This report is a detailed and comprehensive analysis for global Image Intensifier Tubes for Night Vision market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Image Intensifier Tubes for Night Vision market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Image Intensifier Tubes for Night Vision market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Image Intensifier Tubes for Night Vision market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Image Intensifier Tubes for Night Vision market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

## **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Image Intensifier Tubes for Night Vision
- To forecast future growth in each product and end-use market
- To forecast future factors affecting the marketplace

This report profiles key players in the global Image Intensifier Tubes for Night Vision market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Elbit Systems, L3Harris Technologies, Photonis, KATOD LLC, Teledyne FLIR (Armasight), Newcon Optik, Alpha Optics Systems, HARDER.digital GmbH, 3E Elektro Optik Sistemler San, North Night Vision Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## **Market Segmentation**

Image Intensifier Tubes for Night Vision market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Generation 1

Generation 2

Generation 3

### **Market segment by Application**

Night Vision Observation

Security Monitoring

Military Reconnaissance

Field Exploration

Major players covered

Elbit Systems

L3Harris Technologies

Photonis

KATOD LLC

Teledyne FLIR (Armasight)

Newcon Optik

Alpha Optics Systems

HARDER.digital GmbH

3E Elektro Optik Sistemler San

North Night Vision Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

*Global Image Intensifier Tubes for Night Vision Market 2025 by Manufacturers, Regions, Type and Application, F...*

Chapter 1, to describe Image Intensifier Tubes for Night Vision product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Image Intensifier Tubes for Night Vision, with price, sales quantity, revenue, and global market share of Image Intensifier Tubes for Night Vision from 2020 to 2025.

Chapter 3, the Image Intensifier Tubes for Night Vision competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Image Intensifier Tubes for Night Vision breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Image Intensifier Tubes for Night Vision market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Image Intensifier Tubes for Night Vision.

Chapter 14 and 15, to describe Image Intensifier Tubes for Night Vision sales channel, distributors, customers, research findings and conclusion.

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