

Asia Pacific Image Intensifier Tube Market Forecast to 2028 - COVID-19 Impact and Regional Analysis by Generation (Generation 1, Generation 2, and Generation 3) and End User (Military, Healthcare and Biotech, and Others)

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Abstracts

The Asia Pacific image intensifier tube market is expected to grow from US\$ 212.90 million in 2022 to US\$ 312.64 million by 2028. It is estimated to grow at a CAGR of 6.6% from 2022 to 2028.

Deployment of Next-Generation Military Surveillance Systems is Driving the Asia Pacific Image Intensifier Tube Market

The need for surveillance is catalyzing the deployment of surveillance systems across air forces, ground forces, and naval forces, which, in turn, is generating the demand for night vision systems. Various defense forces are focusing on upgrading their existing night vision systems installed in their respective aircraft and helicopter fleets for intelligence, surveillance, and reconnaissance (ISR) operations across different regions. With such upgrades, the demand for image intensifier tubes is increasing across surveillance hardware system manufacturing sites. The next-generation sighting systems are being deployed for border surveillance, continuous monitoring, aerial monitoring, aerial target identification, and other naval applications. For instance, in December 2022, Senop Oy received a purchase order contract from the Finnish Defence Forces Logistic Command. This contract states about the supply of image intensifiers and laser sights. The purchase order encompassed tactical laser sights, laser sights, and NVG monocular image intensifier. The Senop EVA 40 NVG is amongst a lightest high-performance NVGs utilizing high-precision glass optics and cutting-edge aspheric to offer better performance and usability. Thus, significant number of purchase

orders for night vision systems to benefit soldiers for ensuring efficient surveillance operations is a major factor generating new opportunities for Asia Pacific image intensifier tube market vendors during the forecast period.

Asia Pacific Image Intensifier Tube Market Overview

Based on geography, the Asia Pacific image intensifier market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. Asian countries are highly preferred by global manufacturers to set up their production plants in the region owing to low labor costs and high availability of resources. Healthcare device manufacturing is one of the prominent manufacturing sectors present in APAC. Major manufacturers include Shimadzu Corporation, Konica Minolta, and Medtronic India. These companies are engaged in manufacturing advanced x-ray systems, spectroscopy devices, and c-arm devices for medical imaging and the development of treatment plans. The integration of image intensifier tubes in these systems helps enhance medical images. These factors are contributing to the rise in demand for intensifying tubes, thereby contributing to the Asia Pacific image intensifier tube market growth.

Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Image Intensifier Tube Market Segmentation

The Asia Pacific image intensifier tube market is segmented into generation, and country.

Based on generation, the Asia Pacific image intensifier tube market is segmented into generation 1, generation 2, and generation 3. The generation 1 segment registered the largest market share in 2022.

Based on end user, the Asia Pacific image intensifier tube market is segmented into military, electronics & semiconductors, others. The military segment held the largest market share in 2022.

Based on country, the Asia Pacific image intensifier tube market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the market share in 2022.

ASELSAN AS; BEL Optronic Devices Ltd; Canon Electron Tubes & Devices Co Ltd;

Elbit Systems Ltd; Hamamatsu Photonics (Hakuto Taiwan Ltd); and L3Harris Technologies Inc are the leading companies operating in the Asia Pacific image intensifier tube market.

Contents

1. INTRODUCTION

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

2. KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. ASIA PACIFIC IMAGE INTENSIFIER TUBE MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 Asia Pacific PEST Analysis
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion

5. ASIA PACIFIC IMAGE INTENSIFIER TUBE MARKET - KEY MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Increase in Contracts for Procurement and Advancement of Night Vision Systems
 - 5.1.2 Rising Demand for X-Ray Machines
- 5.2 Market Restraint
 - 5.2.1 Longer Lifespan of Image Intensifier Tubes
- 5.3 Market Opportunity
 - 5.3.1 Deployment of Next-Generation Military Surveillance Systems
- 5.4 Future Trend
 - 5.4.1 Increasing Integration in Variable-Speed Imaging Applications
- 5.5 Impact Analysis of Drivers and Restraints

6. IMAGE INTENSIFIER TUBE MARKET – ASIA PACIFIC MARKET ANALYSIS

- 6.1 Asia Pacific Image Intensifier Tube Market Overview
- 6.2 Asia Pacific Image Intensifier Tube Market Forecast and Analysis

7. ASIA PACIFIC IMAGE INTENSIFIER TUBE MARKET REVENUE AND FORECAST TO 2028 – GENERATION

- 7.1 Overview
- 7.2 Asia Pacific Image Intensifier Tube Market, By Generation (2021 & 2028)
- 7.3 Generation
 - 7.3.1 Overview
 - 7.3.2 Generation 1: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- 7.4 Generation
 - 7.4.1 Overview
 - 7.4.2 Generation 2: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- 7.5 Generation
 - 7.5.1 Overview
 - 7.5.2 Generation 3: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)

8. ASIA PACIFIC IMAGE INTENSIFIER TUBE MARKET REVENUE AND FORECAST TO 2028 – END USER

- 8.1 Overview
- 8.2 Asia Pacific Image Intensifier Tube Market, By End User (2021 & 2028)
- 8.3 Military
 - 8.3.1 Overview
 - 8.3.2 Military: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- 8.4 Healthcare & Biotech
 - 8.4.1 Overview
 - 8.4.2 Healthcare & Biotech: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- 8.5 Others
 - 8.5.1 Overview
 - 8.5.2 Others: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)

9. ASIA PACIFIC IMAGE INTENSIFIER TUBE MARKET – COUNTRY ANALYSIS

9.1 Overview

9.1.1 Asia Pacific: Image Intensifier Tube Market, By Key Country

9.1.1.1 Australia: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.1.1 Australia: Image Intensifier Tube Market, By Generation

9.1.1.1.2 Australia: Image Intensifier Tube Market, By End User

9.1.1.2 China: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.2.1 China: Image Intensifier Tube Market, By Generation

9.1.1.2.2 China: Image Intensifier Tube Market, By End User

9.1.1.3 India: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.3.1 India: Image Intensifier Tube Market, By Generation

9.1.1.3.2 India: Image Intensifier Tube Market, By End User

9.1.1.4 Japan: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.4.1 Japan: Image Intensifier Tube Market, By Generation

9.1.1.4.2 Japan: Image Intensifier Tube Market, By End User

9.1.1.5 South Korea: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.5.1 South Korea: Image Intensifier Tube Market, By Generation

9.1.1.5.2 South Korea: Image Intensifier Tube Market, By End User

9.1.1.6 Rest of Asia Pacific: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

9.1.1.6.1 Rest of Asia Pacific: Image Intensifier Tube Market, By Generation

9.1.1.6.2 Rest of Asia Pacific: Image Intensifier Tube Market, By End User

10. INDUSTRY LANDSCAPE

10.1 Overview

10.2 Market Initiative

10.3 New Product Development

10.4 Merger and Acquisition

11. COMPANY PROFILES

11.1 BEL Optronics Devices Ltd

- 11.1.1 Key Facts
- 11.1.2 Business Description
- 11.1.3 Products and Services
- 11.1.4 Financial Overview
- 11.1.5 SWOT Analysis
- 11.1.6 Key Developments
- 11.2 ASELSAN AS
 - 11.2.1 Key Facts
 - 11.2.2 Business Description
 - 11.2.3 Products and Services
 - 11.2.4 Financial Overview
 - 11.2.5 SWOT Analysis
 - 11.2.6 Key Developments
- 11.3 L3Harris Technologies Inc
 - 11.3.1 Key Facts
 - 11.3.2 Business Description
 - 11.3.3 Products and Services
 - 11.3.4 Financial Overview
 - 11.3.5 SWOT Analysis
 - 11.3.6 Key Developments
- 11.4 Hamamatsu Photonics (Hakuto Taiwan Ltd)
 - 11.4.1 Key Facts
 - 11.4.2 Business Description
 - 11.4.3 Products and Services
 - 11.4.4 Financial Overview
 - 11.4.5 SWOT Analysis
 - 11.4.6 Key Developments
- 11.5 Canon Electron Tubes & Devices Co Ltd
 - 11.5.1 Key Facts
 - 11.5.2 Business Description
 - 11.5.3 Products and Services
 - 11.5.4 Financial Overview
 - 11.5.5 SWOT Analysis
 - 11.5.6 Key Developments
- 11.6 Elbit Systems Ltd
 - 11.6.1 Key Facts
 - 11.6.2 Business Description
 - 11.6.3 Products and Services
 - 11.6.4 Financial Overview

11.6.5 SWOT Analysis

11.6.6 Key Developments

12. APPENDIX

12.1 About The Insight Partners

12.2 Word Index

List Of Tables

LIST OF TABLES

Table 1. Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)

Table 2. Australia: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 3. Australia: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 4. China: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 5. China: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 6. India: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 7. India: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 8. Japan: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 9. Japan: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 10. South Korea: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 11. South Korea: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Rest of Asia Pacific: Image Intensifier Tube Market, By Generation– Revenue and Forecast to 2028 (US\$ Million)

Table 13. Rest of Asia Pacific: Image Intensifier Tube Market, By End User – Revenue and Forecast to 2028 (US\$ Million)

Table 14. List of Abbreviation

List Of Figures

LIST OF FIGURES

- Figure 1. Asia Pacific Image Intensifier Tube Market Segmentation.
- Figure 2. Asia Pacific Image Intensifier Tube Market Segmentation – Country
- Figure 3. Asia Pacific Image Intensifier Tube Market Overview
- Figure 4. Asia Pacific Image Intensifier Tube Market, By Generation
- Figure 5. Asia Pacific Image Intensifier Tube Market, By End User
- Figure 6. Asia Pacific Image Intensifier Tube Market, By country
- Figure 7. Asia Pacific – PEST Analysis
- Figure 8. Asia Pacific Image Intensifier Tube Market: Ecosystem Analysis
- Figure 9. Expert Opinion
- Figure 10. Asia Pacific Image Intensifier Tube Market: Impact Analysis of Drivers and Restraints
- Figure 11. Asia Pacific Image Intensifier Tube Market, Forecast and Analysis (US\$ Million)
- Figure 12. Asia Pacific Image Intensifier Tube Market, By Generation (2021 & 2028)
- Figure 13. Generation 1: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. Generation 2: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 15. Generation 3: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 16. Asia Pacific Image Intensifier Tube Market, By End User (2021 & 2028)
- Figure 17. Military: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 18. Healthcare & Biotech: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 19. Others: Asia Pacific Image Intensifier Tube Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. Asia Pacific: Image Intensifier Tube Market, By key Country – Revenue (2021) (US\$ Million)
- Figure 21. Asia Pacific: Image Intensifier Tube Market Revenue Share, By Key Country (2021 & 2028)
- Figure 22. Australia: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 23. China: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 24. India: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

Million)

Figure 25. Japan: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 26. South Korea: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 27. Rest of Asia Pacific: Image Intensifier Tube Market – Revenue and Forecast to 2028 (US\$ Million)

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