

Middle East & Africa 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 Middle East & Africa image intensifier tube market is expected to grow from US\$ 151.27 million in 2022 to US\$ 186.46 million by 2028. It is estimated to grow at a CAGR of 3.5% from 2022 to 2028.

Increasing Integration in Variable-Speed Imaging Applications is Driving the Middle East & Africa Image Intensifier Tube Market

The demand for image intensifier tubes is increasing with the procurement of high-speed camera systems such as HiCATT (i.e., high-speed intensified camera attachment). Such instruments are utilized to capture the images in moving conditions. For example, combustion research demands the capturing of each stage of combustion inside any chamber; this application requires high-speed imaging systems. Image intensifier tubes enable the enhancement of the quality of captured images, along with high-resolution output, in such high-speed imaging applications. Moreover, image intensification systems help collect images for super slow-motion combustion research in the automotive industry. Several companies and organizations have been constantly working on the development of efficient and low-emission combustion technologies, which continues to generate the demand for more advanced image intensifier products for combustion research applications. Thus, the increasing demand for varying-speed (high, low, and ultra-speed) imaging systems is one of the major trends catalyzing the growth of the image intensifier tube market.

Middle East & Africa Image intensifier tube Market Overview

Based on geography, the Middle East & Africa image intensifier tube market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Middle East region is experiencing rapid growth in the defense industry owing to an increase in government initiatives to reduce the import of various defense equipment and locally source the same. These initiatives are undertaken by government bodies to support economic growth and boost their defense sector, enabling it to compete at the global level. For instance, in 2017, the Saudi Arabian government established Saudi Arabian Military Industries (SAMI) to modernize military capabilities and 50% localization of military spending by 2030. Additionally, countries such as Saudi Arabia, Israel, and the UAE have experienced a constant increase in their military spending over the years to adopt advanced weapons and equipment to enhance the efficiencies of military operations. Similarly, South African government is also slowly and steadily increasing their defense spending to adopt advanced military vehicles, aircraft, equipment, and weapons. For instance, South Africa in 2021 experienced a rise of 1.07% in their defense expenses. This rise in defense expense is expected to increase its procurement of new military night vision devices. These factors are directly impacting the growth of the Middle East & Africa image intensifier tube market.

Middle East & Africa Image intensifier tube Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Image intensifier tube Market Segmentation

The Middle East & Africa image intensifier tube market is segmented into generation, and country.

Based on generation, the Middle East & Africa 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 Middle East & Africa 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 Middle East & Africa image intensifier tube market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the market share in 2022.

ASELSAN AS; Elbit Systems Ltd; Hamamatsu Photonics (Hakuto Taiwan Ltd); and L3Harris Technologies Inc are the leading companies operating in the Middle East & Africa image intensifier tube market.

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