

Asia Pacific Hyperspectral Imaging Systems Market (2016-2022)

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Abstracts

The most advanced remote sensing technology which has been seen so far is hyperspectral imaging systems. Recently, scientists have developed new low cost hyperspectral systems for natural gas detection. The innovation has been done by University of Glasgow in Scotland with M Squad. These devices provide real time detection of gas even when it leaks. Additionally, Imec had also launched its new product in hyperspectral sensors also called as snapshot sensors. Snapshot sensors could detect and identify objects in different applications for different industries such as , medical, industrial, security surveillance, and automotive to virtual & augmented reality. Companies have started launching new products with new technological advancement.

New approaches have been made towards the adoption of hyperspectral devices in defense. Over the last few years, many companies have been manufacturing hyperspectral imaging systems for defence and remote sensing organisations. In recent years, spectral sensing is taking the place in military detection. Main advantage of hyperspectral devices in military is that it could provide details in one go, which is very beneficial for military environment.

The report highlights the adoption of Hyperspectral Imaging Systems in Asia Pacific. Based on Application, the market is segmented into Military Surveillance, Remote Sensing, Machine Vision/Optical Sorting, Life Sciences and Medical Diagnostics, and Other Applications. Based on Component, the market is segmented into Hyperspectral Cameras and Accessories. The report also covers geographical segmentation of Hyperspectral Imaging Systems market. The countries included in the report are China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia Pacific.

The Key players operating in the hyperspectral imaging systems market are Corning

Incorporated, Resonon, Corning Incorporated, Specim, Spectral Imaging Ltd., Telops Inc., Applied Spectral Imaging, Headwall Photonics, Inc, Bayspec Inc., Norsk Elektro Optikk As, Surface Optics Corporation, and Chemimage Corporation.

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