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Global Hyperspectral Imaging Systems Market 2018 by Manufacturers, Regions, Type and Application, Forecast to 2023

https://marketpublishers.com/r/G766D986C96EN.html
Date: December 2018
Pages: 137
Price: US$ 3,480.00 (Single User License)
ID: G766D986C96EN

Abstracts

Hyperspectral imaging, like other spectral imaging, collects and processes information from across the electromagnetic spectrum. The goal of hyperspectral imaging is to obtain the spectrum for each pixel in the image of a scene, with the purpose of finding objects, identifying materials, or detecting processes. There are two general branches of spectral imagers. There are push broom scanners and the related whisk broom scanners, which read images over time, and snapshot hyperspectral imaging, which uses a staring array to generate an image in an instant.

Scope of the Report:

This report focuses on the Hyperspectral Imaging Systems in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.
In 2018, North America is expected to account for the largest share of the global market. However, the Asia-Pacific region is expected to grow at the highest CAGR during the forecast period. The market for hyperspectral imaging systems is expected to grow in emerging economies in APAC as they have a growing number of manufacturing bases. These cameras are used for homeland surveillance, spaceborne applications, agriculture and mineral surveillance, and other research activities requiring constant spectral vigilance.
The worldwide market for Hyperspectral Imaging Systems is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US$ in 2023, from xx million US$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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Headwall Photonics

Resonon

Specim Spectral Imaging

IMEC

Surface Optics

Norsk Elektro Optikk A/S

Corning(NovaSol)

ITRES

Telops

BaySpec

Brimrose

Zolix

Wayho

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

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Market Segment by Type, covers

Visible/near infrared (VNIR)

Short wave infrared (SWIR)

Medium wave infrared (MWIR)

Long wave infrared (LWIR)

Market Segment by Applications, can be divided into

Ddefense

Environmental monitoring and mineralogy

Food and agriculture

Life science and medical diagnosis

Vegetation and ecology

Environmental recycling

There are 15 Chapters to deeply display the global Hyperspectral Imaging Systems market.

Chapter 1, to describe Hyperspectral Imaging Systems Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Hyperspectral Imaging Systems, with sales, revenue, and price of Hyperspectral Imaging Systems, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share

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of Hyperspectral Imaging Systems, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Hyperspectral Imaging Systems market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Hyperspectral Imaging Systems sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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