

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Hyperspectral Imaging Market 2018, Forecast to 2023

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Abstracts

Hyperspectral imaging (HSI) is a combination of spectroscopy and imaging, so it is often also called imaging spectroscopy. Hyperspectral imaging is a technique that adds a colorful third dimension to a reflected image that contains the target's spectral data, and processing it across the electromagnetic spectrum with a goal of obtaining the spectrum for each pixel in the image. The hyperspectral imaging system general includes hyperspectral imager, camera, light source, data software, and computer, etc.

In this report, we focus on the hyperspectral imaging devices, such as hyperspectral imagers, handheld hyperspectral imagers, visible/near infrared (VIS/NIR) staring hyperspectral imagers, shortwave infrared staring hyperspectral imagers, and airborne/ground shortwave infrared etc.

Scope of the Report:

This report focuses on the Hyperspectral Imaging 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.

At present, in developed countries, the hyperspectral imaging industry is generally at a more advanced level. The world's largest enterprises are mainly concentrated in USA and Europe. Meanwhile, foreign companies have more advanced equipment, strong R & D capability, and leading technical level. However, foreign companies' manufacturing cost is relatively higher, compared with Asia companies.

China's hyperspectral imaging industry is still an undeveloped market. China is a large population country, there are only few manufacturers which can produce the hyperspectral imaging product. Most of hyperspectral imaging products are still relying

on import.

The worldwide market for Hyperspectral Imaging 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

Headwall Photonics

Resonon

Specim Spectral Imaging

IMEC

Surface Optics

Norsk Elektro Optikk A/S

Corning(NovaSol)

ITRES

Telops

BaySpec

Brimrose

Zolix

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)

Market Segment by Type, covers

Point scanning

Line scanning

Wavelength scanning

Time scanning

Others (Rotary scanning, Mirror scanning, etc.)

Market Segment by Applications, can be divided into

Visible/near-Infrared(VNIR)

Short-Wave Infrared (SWIR)

Mid-Wave Infrared (MWIR)

Long-Wave Infrared (LWIR)

Others (UV-Vis, FT-IR, Combined technology, etc.)

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

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

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

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

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

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