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Computational Photography Market Report: Trends, Forecast and Competitive Analysis

https://marketpublishers.com/r/CF2E8A9DC4D5EN.html
Date: July 2024
Pages: 150
Price: US$ 4,850.00 (Single User License)
ID: CF2E8A9DC4D5EN

Abstracts

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The future of the computational photography market looks promising with opportunities in the 3D imaging, virtual reality, augmented reality, and mixed reality application segments. The global computational photography market is expected to decline in 2020 due to the global economic recession led by the COVID-19 pandemic. However, the market will witness recovery in the year 2021. and it is expected grow with a CAGR of 21% to 23% from 2020 to 2025. The major drivers for this market are growing demand for digital still cameras with high resolution and technological upgradation in camera modules, designs, and components along with improvements in image resolution.

A more than 150 page report is developed to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of computational photography market report download the report brochure.

The study includes trends and forecasts for the global computational photography market by offering, type, product, application, and region as follows:

By Product [$M shipment analysis for 2014 – 2025]:

Smartphone Cameras

Standalone Cameras

Machine Vision Cameras

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By Application [$M shipment analysis for 2014 – 2025]:

- 3D Imaging
- Virtual Reality
- Augmented Reality
- Mixed Reality

By Type [$M shipment analysis for 2014 – 2025]:

- Single- and Dual-Lens Camera
- 16- Lens Camera
- Others

By Offering [$M shipment analysis for 2014 – 2025]:

- Camera Modules
- Software

By Region [$M shipment analysis for 2014 – 2025]:

- North America
- United States
- Canada
- Mexico

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Europe

Germany

United Kingdom

France

Italy

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

Some of the computational photography companies profiled in this report include Apple, Samsung, Nvidia, Qualcomm, Adobe, Nikon, Sony, LG, Light, ALMALENCE, Pelican Imaging, HTC, Corephotonics, DXO Labs, Xperi and Canon.

Lucintel forecasts that smartphone cameras will remain the largest product segment over the forecast period due to increasing sales of smartphones equipped with advanced cameras.

3D imaging will remain the largest application segment during the forecast period.

North America will remain the largest region the forecast period due to growing demand for smartphones in the region.

Features of Computational Photography Market

Market Size Estimates: Computational photography market size estimation in

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terms of value ($M)

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments and regions.

Segmentation Analysis: Market size by offering, type, product, and application

Regional Analysis: Computational photography market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different offering, type, product, application, and regions for computational photography market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the computational photography market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global computational photography market by product (smartphone cameras, standalone cameras, and machine vision cameras), application (3D imaging, virtual reality, augmented reality, and mixed reality), type (single- and dual-lens camera, 16- lens camera, and others), offering (camera modules and software), and region (North America, Europe, Asia Pacific, and the Rest of the World)?
Q.2 Which segments will grow at a faster pace and why?
Q.3 Which regions will grow at a faster pace and why?
Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the computational photography market?
Q.5 What are the business risks and threats to the computational photography market?
Q.6 What are emerging trends in this computational photography market and the reasons behind them?
Q.7 What are some changing demands of customers in the computational photography market?
Q.8 What are the new developments in the computational photography market? Which companies are leading these developments?

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Q.9 Who are the major players in the computational photography market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in the computational photography market, and how big of a threat do they pose for loss of market share via material or product substitution?
Q.11 What M&A activities did take place in the last five years in the computational photography market?

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