3D Camera Market is anticipated to hit $9.86 billion by 2023 at a CAGR of 14.89%

Asia Pacific region holds the largest market share in the 3D Camera Market and is anticipated to reach $3.8 billion by 2023 at a CAGR of 17.06%

HYDERABAD, TELANGANA, INDIA, August 9, 2018 /EINPresswire.com/ -- According to the new market research report by IndustryARC titled "3D Camera Market: By Product (Smartphones, Tablets, Professional & Hobbyist Cameras, Others); By Technology (Time of Flight, Stereo Vision, Structured Light, Others); By Application (General Photography, Gaming, Automotive, Healthcare, Industrial & Others) & By Geography – Forecast (2018-2023)", the market is driven by the rising demand for quality enhancement of smartphones, tablets, and other consumer electronic products, alongside the growing focus on the automotive industry to utilize advanced driver assistance systems, particularly in automated vehicles.

APAC held the largest market share in the 3D Camera Market

Asia Pacific region holds the largest market share in the 3D Camera Market and is anticipated to reach $3.8 billion by 2023 at a CAGR of 17.06%. Increased demand for virtual reality or augmented reality has intensified the development of the new 3D cameras for the smartphones and other consumer electronics segment in the APAC region. Also, increased adoption of home automation and virtual reality applications have been providing lucrative growth opportunities to the 3D digital camera market in this region. The key applications includes general photography, gaming, healthcare, automotive, and industrial, among others.

Selected Value Chain Analysis done in the full report

The value addition in the chain starts from the procurement of primary components such as image sensors, illumination units, computing or driver electronics, optics and interface components and secondary components such as casing, storage, mountings and so on. These components are either procured directly from the component manufacturers, or through third party component suppliers.

The procured components are then integrated by the 3D Camera module manufacturers. Some of the established players of the market such as Sony Corp, Samsung and so on, have their in-house manufacturing facilities for the prominent components of 3D cameras such as image sensors, optics and driver or image processor units. These players are the suppliers as well as the consumers of 3D camera modules for consumer electronic products such as digital cameras, gaming consoles, smartphones and so on.

The R&D activities of 3D cameras are analyzed to be at component as well as at modular levels. The major point of focus for research and development at the component level are conducted for image sensors, lens, image processors and illumination units. At the modular level, a big part of the research is focused onto the compatibility of various components working as an individual system and optimized on the basis of end use.

The 3D cameras used in automotive, medical, industrials and other verticals are not directly used, and are instead integrated as a key image acquisition component in various systems, designed with respect to the application or industry. These are generally 3D camera modules, which are further procured for manufacturing systems such as ADAS and collision avoidance

systems for automobiles, vision guided industrial robots and AGVs for industrial sectors, surgical robots and 3D laparoscopic equipment for medical and high end 3D imaging systems for scientific study and research applications.

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Excerpts on Market Growth Factors

The growing drone mapping market, particularly in North America and Europe, will play a big role in this market in future.
The advancement in home automation and virtual reality applications will open up new vistas for 3D cameras. Moreover, the automated operations in industries such as food and beverages, chemical and so on, have started integrating 3D cameras with robotics arms, which will further fuel the market for 3D cameras in the future.
The rising market for machine vision for industrial robotics as well as significant propulsion of the professional photography markets in the APAC and American Market will positively drive the market in the next few years.

The adoption of 3D cameras in medium range smartphones from purely high end smartphones, particularly in Europe and North America, is likely to drive the market. The declining price of these smartphones will play a major role in the growth of this market.
The favorable policies in the industrial automation market in Europe, Germany in particular, will drive the growth in this market as the use of 3D cameras to improve safety in industrial robotics rises.

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Key players of 3D Camera Market:
Panasonic is the leading player in 3D camera market. The company being pioneer in 3D camera has also remained as the dominant player with constant product launches and developments. The market however, remains consolidated, occupying 40% share that comprises mostly of local and regional players prominently from Asia-Pacific nations. These small scale players have entered the market significantly due to their low cost offerings for not so demanding applications.

3D Camera Market Report is segmented as indicated below.
3D Camera Market By Product Type:
1. Smartphones
2. Tablets
3. Professional Cameras
4. Hobbyist Cameras
5. Others

3D Camera Market By Technology
1. Time of Flight
2. Stereo Vision
3. Structured Light

3D Camera Market By Application
1. General Photography
2. Gaming
3. Health-care
4. Automotive

5. Industrial
6. Others
3D Camera Market By Entropy

Companies Cited/Referenced/Interviewed:
1. Faro Technologies, Inc;
2. FPV3DCAM
3. Raytrix GMBH
4. Canon Inc;
5. GOPRO Inc;
6. Fujifilm Corporation
7. Eastman Kodak Co;
8. Sony Corporation
9. Company 9
10. Company 10
11. Company 11+

Related Reports:
A. Machine Vision Camera Market
https://industryarc.com/Report/15028/machine-vision-camera-market.html
B. Time of Flight Camera Market
https://industryarc.com/Report/16970/time-of-flight-camera-market.html

What can you expect from the report?
The 3D Camera Market Report is Prepared with the Main Agenda to Cover the following 20 points:
1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis (By Revenue & Volume)
12. Country level Analysis (15+)
13. Competitor Analysis
14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, geography or application based reports in 3D Camera Market?
Response: Yes, we do have separate reports as mentioned below:
1. Americas Market for 3D Camera (2018-2023)
2. Europe Market for 3D Camera (2018-2023)
3. APAC Market for 3D Camera (2018-2023)
4. RoW Market for 3D Camera (2018-2023)

5. Smartphones Market for 3D Camera (2018-2023)
6. Tablets Market for 3D Camera (2018-2023)
7. Professional Cameras Market for 3D Camera (2018-2023)
8. Hobbyist Cameras for 3D Camera (2018-2023)
9. Time of Flight Market for 3D Camera (2018-2023)
10. Stereo Vision Market for 3D Camera (2018-2023)
11. Structured Light Market for 3D Camera (2018-2023)
12. General Photography Market for 3D Camera (2018-2023)
13. Gaming Market for 3D Camera (2018-2023)
14. Healthcare Market for 3D Camera (2018-2023)
15. Automotive Market for 3D Camera (2018 – 2023)
16. Industrial Market for 3D Camera (2018 – 2023)

Q. Does IndustryARC customize these reports and charge additionally for limited customization?
Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization:

1. Increase the level of data in application or end user industry.
2. Increase the number of countries in geography chapter.
3. Find out market shares for other smaller companies or companies which are of interest to you.
4. Company profiles can be requested based on your interest.
5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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IndustryARC primarily focuses on Cutting Edge Technologies and Newer Applications in a Market. Our Custom Research Services are designed to provide insights on the constant flux in the global supply-demand gap of markets. Our strong team of analysts enables us to meet the client research needs at a rapid speed, with a variety of options for your business.

We look forward to support the client to be able to better address their customer needs, stay ahead in the market, become the top competitor and get real-time recommendations on business strategies and deals. Contact us to find out how we can help you today.

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