World Smartphone 3D Camera Market Opportunities and Forecasts, 2014 - 2020

Description: 3D camera in smart phones is an emerging technology that provides enhanced picture quality and videos to end users. Currently, smart phones are integrated with 3D sensors that can sense movements and enable the smart phone camera to capture precise dimensions of objects & environments. Smartphone 3D camera has been gaining popularity among the young generation due to its attractive features such as real sensing of the object, HD clarity and improved performance. Increasing adoption of smartphone is the key driver for the growth of the smartphone 3D camera market. Whereas, high cost of smartphone 3D camera and compatibility concerns are the key restraining factors of the market growth. The world smartphone 3D market is expected to generate $2,028.8 million by 2020, registering a CAGR of 48.2% during the forecast period of 2015 - 2020.

The world smart phone 3D camera market is segmented based on technology, resolution and geography. The technology segment is bifurcated into stereoscopy and time-of-flight. Stereoscopic camera technology offers precision, reliability and high quality while capturing the exact 3D image of any object. Whereas, time-of-flight 3D camera technology can accurately sense the movement of objects, facial expressions and emotions and provides optimum picture clarity even in dim light conditions. Smartphone 3D camera is available in three resolutions namely below 8 MP, 816 MP and above 16 MP. Megapixel is a unit of graphic resolution of the camera that plays an important role. The quality of picture depends upon the no. of mega pixels, for instance, camera with high mega pixel will have the better picture quality and clarity as compared to camera with a lower number of pixels. The global market is studied across four geographical regions, which include North America, Europe, Asia-Pacific and LAMEA. The key players operating in this market include Sharp Corporation, SoftKinetic, Infineon Technologies, PMD technologies, Microsoft Corporation, Pelican Imaging and Toshiba.

KEY BENEFITS:
- The study provides an in-depth analysis of the 3D camera smart phone market with current and future trends to elucidate the imminent investment pockets in the market
- Current and future trends have been outlined to determine the overall attractiveness and to single out profitable trends to gain a stronger foothold in the market
- The report provides information regarding key drivers, restraints and opportunities with impact analysis
- Quantitative analysis of the current market and estimations during the period of 2014 - 2020 has been provided the highlight the financial appetency of the market
- Porters five forces model analysis and SWOT analysis of the industry illustrate the potency of the buyers and suppliers of the market
- Value chain analysis in the report provides a clear understanding of the roles of stakeholders involved in the value chain

MARKET SEGMENTATION

The market is segmented based on technology, resolution and geography

Market by Technology
- Stereoscopy
- Time-of-flight

Market by Resolution
- Below 8 MP
- 816 MP
- Above 16 MP

Market by Geography
- North America
- Europe
- Asia-Pacific
- LAMEA
Key Players
- Toshiba Group
- Sharp Corporation
- Sony Corporation
- Microsoft Corporation
- Infineon Technologies
- SoftKinetic
- PMD technologies
- Pelican imaging
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