3D Display Market Analysis: By Technology (Volumetric, Stereoscopic, Head Mounted Displays & Others) Type(DLP, Plasma Display Panel, Organic LED, LED & Others) By Application -Forecast(2016-2021)

Description:
A 3D display is used to display a three dimensional view of a picture or environment. The key difference between a 3D display and a standard display is that depth can also be seen which otherwise could not in a standard display. The requirement for 3D displays has been increasing steadily over the few years primarily as a means of product differentiation. TV manufacturers such as Samsung and LG have brought in 3D displays as the next line in new viewing technology. This technology coupled with gaming applications will tend to see quite some traction in the gaming sector. The cost for 3D displays is currently high, however, this is true in the case of any product which is sold in low numbers in comparison to its predecessors. Further to this, customers do not find the need to pay a higher amount for 3D displays when there is still a large volume of content which needs to be 3D enabled. Filmmakers across the globe, however, are now tending to release films along with a 3D version which, coupled with the growth of this market could address the aforementioned issue of the availability of 3D content.

Future applications of 3D display also involve its use in healthcare and industrial applications. A 3D display would be able to show the user depth in the image which is being viewed which is extremely important for such applications. A doctor may be able to view to what level an organ has been affected by cancer and not rely on just 2D imaging technology to estimate these data points. Likewise, the industrial sector can use 3D displays to view a 3D model of any product that is being manufactured and accordingly view how the different parts of the product would perform under various conditions.

The 3D display market is expected to cross the $100 billion mark by 2021. On the basis of technology, this report segments the market as:

DLP
Plasma Display Panel
Organic LED
LED
Others

The report further segments the market based on the type of display into:

Volumetric
Stereoscopic
Head mounted
Others

In terms of applications, the 3D Display market has been segmented across the following applications:

Consumer Electronics
Healthcare
Automotive
Gaming
Retail
Aerospace and Defense
Others

The market has been segmented based on the following geographies:

APAC
Europe
Middle East and Africa
North America
South America
Some of the key participants that operate in the 3D Display market are as follows

LG Electronics Inc.
Samsung Electronics Co. Ltd.
Sony Corp.
Panasonic Corp.
AU Optronics Corp.

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