GigE Camera Market by Type (Line and Area), Imaging Technology (CMOS, CCD), Application (Pharmaceutical, Security & Surveillance, Transportation, Automotive, Defense, Packaging ) and Geography - Global Forecast to 2020

Description:
GigE cameras are based on the GigE vision interface standard developed for cameras that transmit images over gigabit Ethernet. It is mainly useful for applications that require a high rate of data transfer over long cable distances with low cost cabling. North America is the major market for GigE cameras; however, Asia-Pacific is expected to grow at the highest CAGR of 13.87% from 2015 to 2020. The application market for the GigE camera can be divided into manufacturing and non-manufacturing segment. The market for the non-manufacturing segment is expected to account for a large share during the forecast period.

The report provides profiles of all major companies in the GigE camera market. It also provides the competitive landscape of key players, which indicate the growth strategy of the market. It covers the entire value chain for the market from a raw material supplier to an end user. Along with the value chain, this report also provides an in-depth view on the market segmentation such as application, technology, type, and geography. The growth of the GigE camera market is expected to be remarkable; it is expected to reach a market size of $1.20 Billion by 2020, at a CAGR of 12.27% between 2015 and 2020.

The report provides the market dynamics such as drivers, restraints, and opportunities. Apart from the market segmentation, the report also includes the critical market data and qualitative information for each product type along with the qualitative analysis, such as the Porter's five force analysis, value chain analysis, and market breakdown analysis.

The key players in this industry include Teledyne DALSA (Canada), Basler AG (Germany), Allied Vision GmbH (Germany), Jai (Denmark), Point Grey Research, Inc. (Canada), Toshiba Teli Corporation (Japan), Baumer Optronic GmbH (Germany), Sony Corporation (Japan), Matrox Electronic Systems Ltd (Canada), Qualitas Technologies (India) among others.

Market, by technology:
The technology segment includes CMOS and CCD sensor technologies.

Market, by type:
The major types considered for analyses are: Area scan and Line scan

Market, by application:
The application market is classified into manufacturing and non-manufacturing segments.

Market, by geography:
The GigE camera market is segmented by geography into four different regions; namely, North America, Europe, APAC, and RoW.

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