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Infrared Emitter & Receiver Market by Spectral Range (Near IR, SWIR, MWIR, LWIR, and FAR IR), Vertical (Automotive, Industrial, Military & Aerospace, & Others), Application & Geography - Global Trend & Forecast to 2020

https://marketpublishers.com/r/IC599C1054CEN.html
Date: December 2015
Pages: 162
Price: US$ 5,650.00 (Single User License)
ID: IC599C1054CEN

Abstracts

The infrared emitter and infrared receiver markets are expected to reach USD 867.1 million and USD 298.4 million, respectively, by 2020, growing at a CAGR of 11.3% and 7.2%, respectively, between 2015 and 2020. The major driver for the growth of the infrared emitter & receiver market is the high rate of adoption of infrared-based security systems such as CCTV cameras for security & surveillance and also the growing market for touch-based interactive products in consumer electronics.

Security & surveillance industry dominated both the infrared emitter and infrared receiver markets

Currently, the security & surveillance industry dominates the market because of the high demand for safety and security products, where features such as night vision and image sensing are the key technology. One of the key reasons for the growth in security & surveillance industry is the high rate of adoption of infrared security and CCTV cameras, which are fast becoming a standard security apparatus in public and residential buildings due to the growing threat of terrorism.

Asia-Pacific to continue to be the dominating region for the Infrared emitter & receiver market

Asia-Pacific is currently the leading region in terms of consumption of infrared emitters & receivers, mainly owing to the presence of a large number of manufacturers of

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various infrared technology-based components ranging from imaging systems to touchscreens, which are the primary consumers of infrared emitters and receivers. Asia-Pacific would also continue to have the fastest-growing infrared emitter & receiver market owing to the rapid growth in the consumer electronics and security & surveillance market in countries such as China and India.

This research study involves the extensive use of secondary sources, directories, and databases (such as Hoovers, Bloomberg Business, Factiva, and OneSource) to identify and collect information useful for this study. After arriving at the overall market size, the total market has been split into several segments and subsegments and confirmed with the key industry experts. Approximately 20% and 80% primary interviews were conducted with parties from the demand and supply sides, respectively. This primary data was collected through questionnaires, mails, and telephonic interviews. The breakdown of the profiles of primaries conducted is following:-

By Company Type:- Tier 1—20%, Tier 2—45%, and Tier—3 35%

By Designation: C Level—35%, Director Leve—25%, Others—40%

The geographic segmentation covers the four major regions of the world, namely, North America, Europe, Asia-Pacific, and Rest of the World (RoW). The report also profiles the major players in the infrared emitter & receiver market. Some of the major players in this market are Vishay Intertechnologies (U.S.), Rohm Semiconductors (Japan), Honeywell International, Inc. (U.S.), Hamamatsu Corp. (Japan), Texas Instruments. (U.S.), Lite-ON Technologies (U.S.), Osram Licht AG (Germany), Royal Philips (Netherlands), FLIR Systems (U.S.), and Cree, Inc. (U.S.).

This report caters to the needs of leading companies, end users, component manufacturers, and other related stakeholders in this market. Other parties that could benefit from the report include government bodies, environmental agencies, consulting firms, business development executives, C-level employees, and VPs. Our report would help you analyze new opportunities and potential revenue sources and enhance your decision-making process for new business strategies. The quantitative and qualitative information in the report along with our comprehensive analysis will help you gain an edge in the market.

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