

Global High-speed Camera Market Analysis, by Usage, Frame Rate (20,000–100,000 fps, >100,000 fps), Resolution (0–2 MP, 2–5 MP), Throughput, Component, Spectrum (Visible RGB, Infrared, and X-ray), Application, and Regional Forecasts 2020-2027

https://marketpublishers.com/r/G84A7DC7F06FEN.html

Date: December 2020

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G84A7DC7F06FEN

Abstracts

Global High speed camera Market is valued approximately USD 386.49 million in 2019 and is anticipated to grow with a healthy growth rate of more than 11.0% over the forecast period 2020-2027. High-speed cameras are the sophisticated version of normal digital cameras offering high-resolution capacity and ability to capture ultra-high-speed events. Advance technology made it possible to develop high-performance infrared cameras is enhancing the growth of the market. For instance, during covid-19 infrared cameras, are installed in public places such as airports, malls, and railway stations, where they enable precise non-reactive, contactless, and planar recording of surface temperatures. Usage of high-speed cameras in media and entertainment applications is also a major driver for the market and various companies are launching such cameras which have minimum resolution and high data speed for fast workflow. For instance, March 2019 - Phantom High Speed, the leaders in high speed imaging industry launched Phantom VEO 440 that can shoot an event at the frame per second rate of 1,100 at complete 4 MP resolution, 2,000 fps at 1080p HD, and 290,000 fps at minimum resolution. However, For the complete setup it costs approx., USD 150,000 which seems to be high for industry and this may hamper the growth of market. Expansion in the growth of application of high-speed camera in defense industry is upcoming opportunity for the growth.

The regional analysis of global 5G in Automotive and Smart Transportation market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia pacific is the leading/significant region across the



world in terms of market share owing to the increased manufacturing hubs and industrialization. Whereas, North America is second largest region in terms of high speed camera market growth.

Major market player included in this report are:



The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Component



	Image Sensors	
	Lens	
	Batteries	
	Image Processors	
	Fans and Cooling System	
	Memory Systems	
	Others	
By Resolution		
	2 MP	

2 - 5 MP

5 MP and Above

By Frame Rate

1,000 - 5,000

5,000 - 20,000

20,000 - 100,000

100,000 and Above

By Application

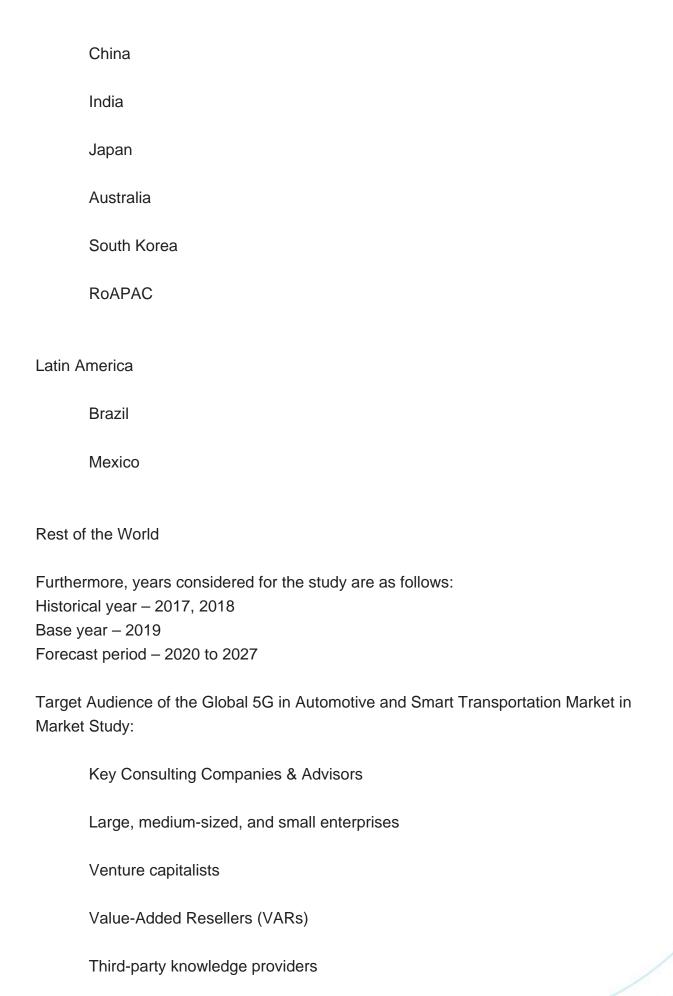
Automotive and Transportation



Industrial Manufacturing

Cons	sumer Electronics	
Medi	a and Entertainment	
Spor	ts	
Heal	thcare	
Othe	ers	
By Region:		
North America		
U.S.		
Cana	ada	
Europe		
UK		
Gern	nany	
Fran	ce	
Spai	n	
Italy		
ROE		
Asia Pacific		







Investment bankers

Investors



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