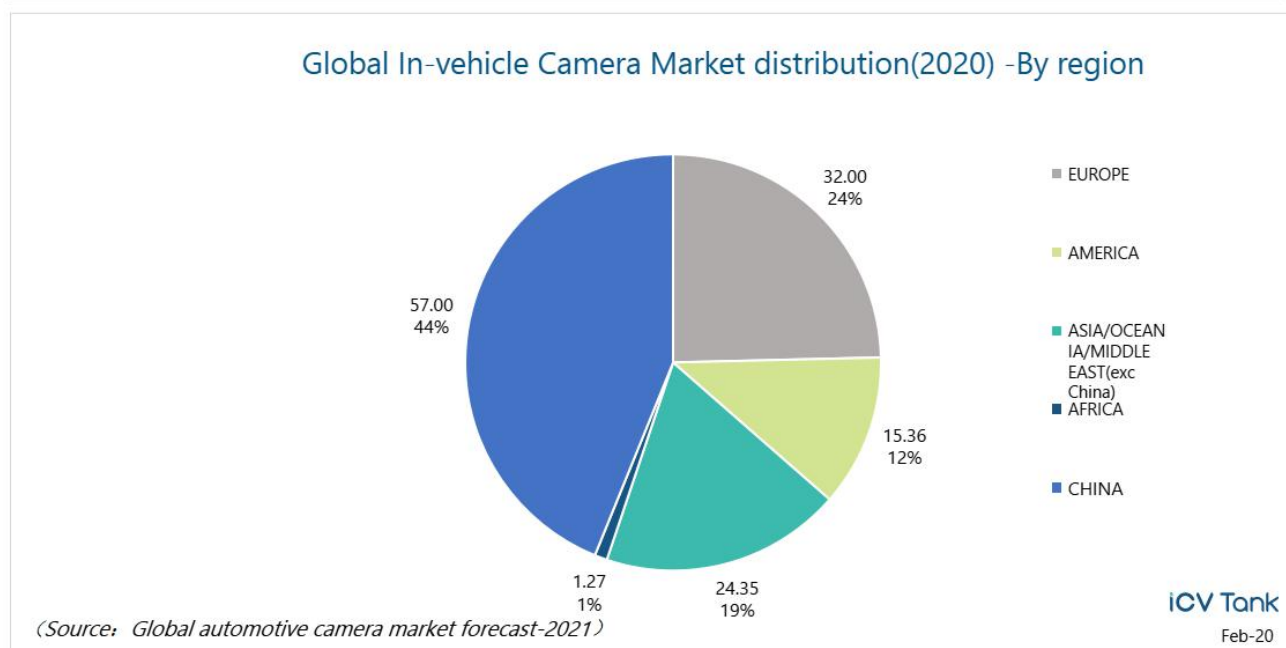
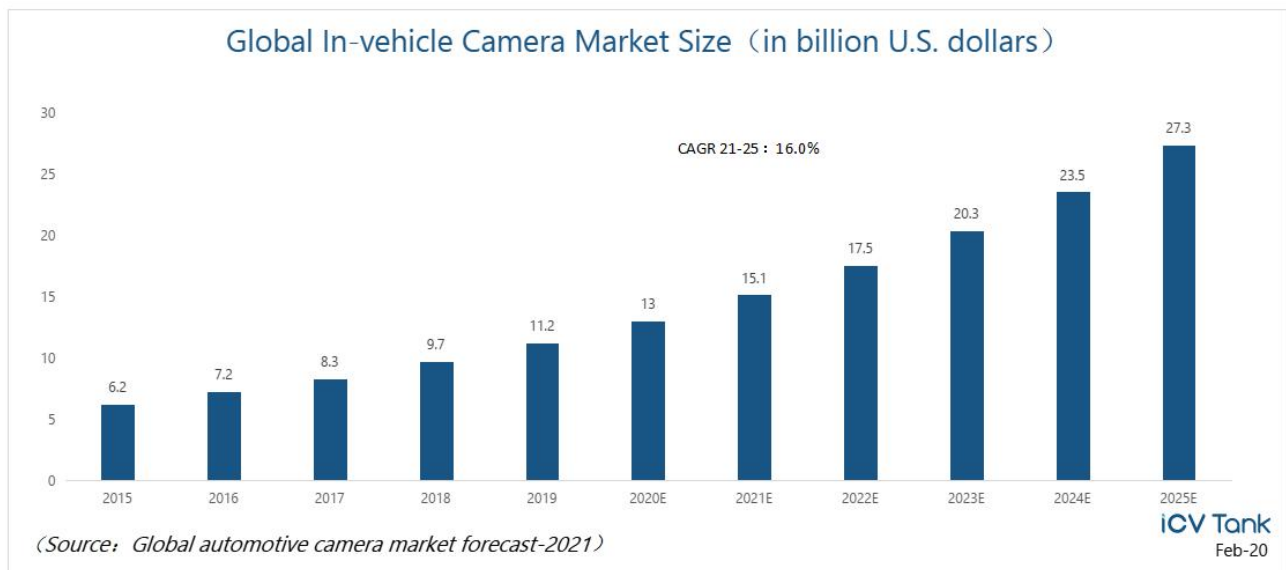


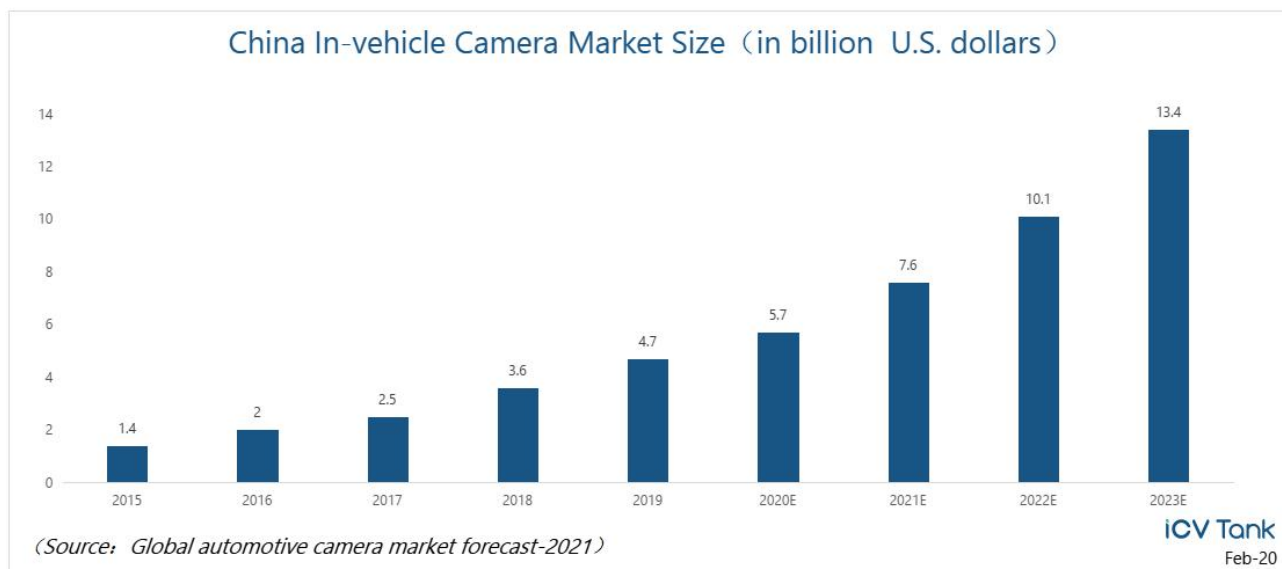
Global Automotive Camera Market Forecast-2020

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In-vehicle cameras mainly include interior view camera, rear view camera, front view camera, side view camera, surround view camera, etc. They are mainly used in ADAS such as 360 panoramic view, forward and backward collision warning, lane drift alarm and pedestrian detection.

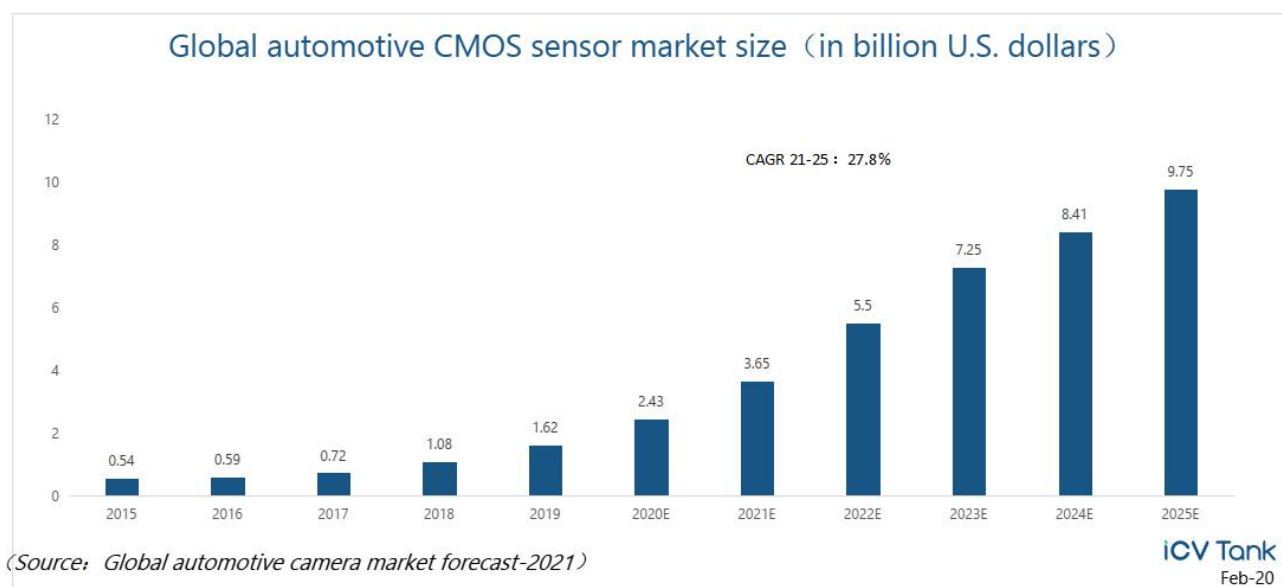
The global in-vehicle camera market is expected to reach \$27.3 billion by 2025 with CAGR of 21-25 16.0%.





CMOS image sensor is the light-sensitive element of the car camera, which is also the part with the highest value. Compared with CCD (charge-coupled element) light-sensitive element, the image quality is a little bit worse, but the cost is lower and more power-saving, so it is widely used in the field of car camera with low pixel requirement. Different levels of intelligent driving cars, the installation of different in-car cameras, the number of CMOS is different.

As self-driving cars need a large number of cameras as sensors, with the increased penetration of self-driving cars, it is expected to drive the demand of the camera industry. CMOS chips, as the core components of cameras, are expected to achieve high growth driven by the demand of automotive as well as security cameras.



The global automotive CMOS image sensor market will be \$2.43 billion in 2020 and is expected to rise to \$9.75 billion in 2025, growing at a CAGR of 27.8% in 2021-2025, making the automotive market the second largest CMOS image sensor application after cell phones.

In recent years, with the gradual popularization of car networking, smart cars, autonomous driving and other applications, the number of cameras on the car is rapidly increasing, the application areas from the traditional back-up radar image, front car recorder slowly extended to electronic rear-view mirror, 360-degree panoramic imaging, line detection, obstacle detection, collision avoidance and autonomous driving, etc.. In the future, with the development of intelligent car driving, consumers for driving safety and ADAS technology continues to mature, automotive CMOS image sensor market size or high-speed growth.

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