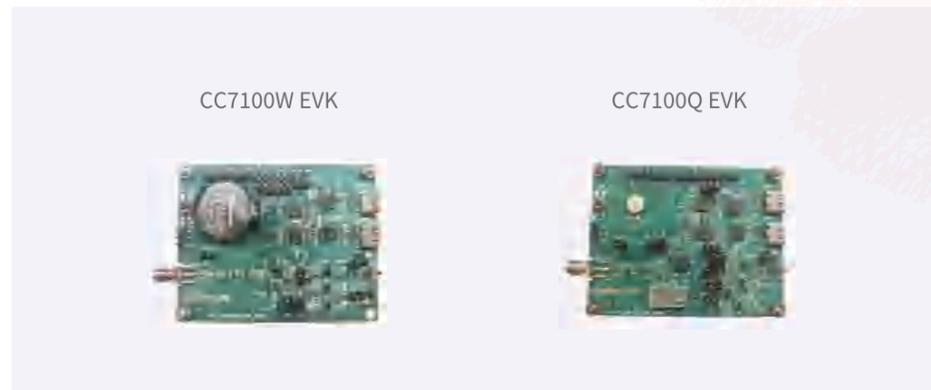


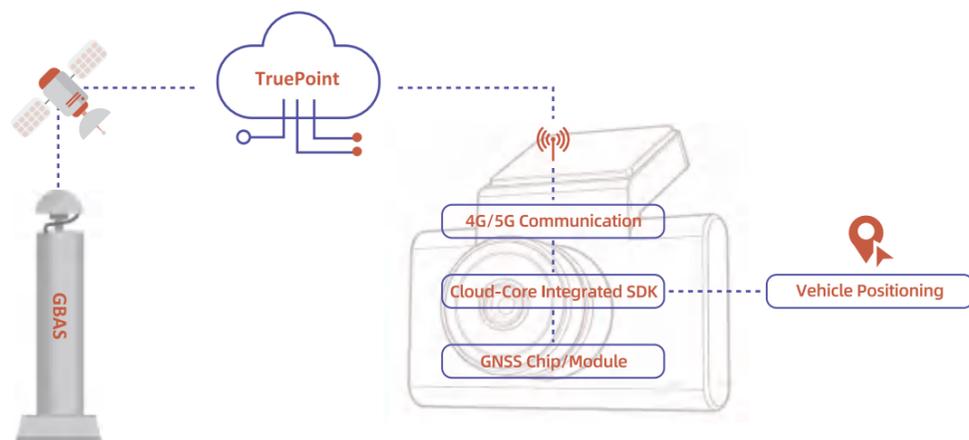
EVALUATION KITS



TEST TOOL



CLOUD-CHIP INTEGRATED SOLUTION



DashCam



Precise Positioning Makes IoT Communication Smarter

ICOE (Shanghai) Technologies Co., Ltd.

Web: www.icoe-tech.com/en

Email: info1@icoe-tech.com

Shanghai, China

Add: F8, Building 1,

Lane 500, Shengxia Road, Pudong New District, Shanghai

Tel: +86-21-58213950



Web Site

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ABOUT US

ICOE (Shanghai) Technology is a leading provider of positioning chips and full-stack solutions, specializing in location-based services. We deliver intelligent, reliable positioning chips and customized solutions for the global IoT and consumer electronics markets.

Leveraging on our core strengths in ultra-low power consumption, high performance, and compact design, our products are widely used in wearables, smart IoT devices, and other fields worldwide.

DASHCAM

Dashcams provide real-time driving recording, precise positioning, collision alerts, and 24 / 7 all-round parking monitoring. The industry is moving toward 4K UHD imaging, AI-driven safety assistance, multi-channel monitoring, cloud connectivity, and ultra-low-power design. However, unstable positioning and excessive power consumption remain major challenges. ICOE offers high-performance, reliable, and ultra-low-power GNSS positioning solutions to greatly enhance location accuracy and extend battery life for intelligent dashcam systems. DashCam Solution.

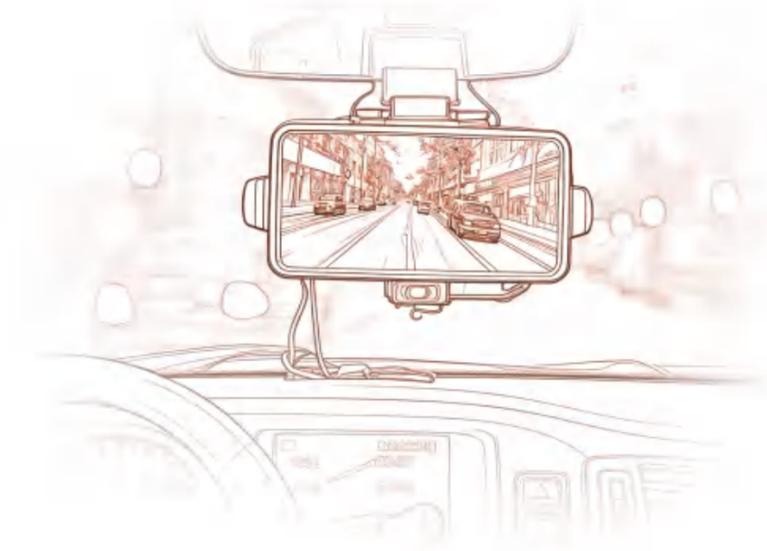
PRIVATE VEHICLE DASHCAM - CC7100W

- ◎ Super small size, suitable for size sensitive applications
- ◎ Adaptive anti-jamming capability
- ◎ Real-time and predicted A-GNSS
- ◎ ROM based, supporting dynamic Loading mode



DASHCAMS FOR COMMERCIAL AND SPECIAL VEHICLES - CC7100Q

- ◎ Software optimized for weak signal scenarios
- ◎ Adaptive anti-jamming capability
- ◎ Real-time and predicted A-GNSS
- ◎ On-chip flash, supporting OTA upgrade



Frequency	Single-band L1
Constellation	GPS/BDS/GLONASS/Galileo/QZSS
Cold start sensitivity	-149dBm
Tracking sensitivity	-165dBm
TTFF (Cold start)	26s
Tracking power consumption	22mW
Positioning accuracy	1.5m
Velocity Accuracy	0.1m/s
Interfaces	UART × 2, I ² C × 1, SPI × 1
Package	WLCSP 1.8*2.1*0.5(mm)

Frequency	Single-band L1
Constellation	GPS/BDS/GLONASS/Galileo/QZSS
Cold start sensitivity	-149dBm
Tracking sensitivity	-165dBm
TTFF (Cold start)	26s
Tracking power consumption	22mW
Positioning accuracy	1.5m
Velocity Accuracy	0.1m/s
Interfaces	UART × 2, I ² C × 1, SPI × 1
Package	QFN 4.4*4*0.75(mm)

