

# Dual Dash Camera



## DualSight AI - Dual Sight AI Dash Camera

### DC-100K1A

The DualSight™ AI Dash Camera delivers advanced road and driver monitoring in one compact, fully integrated system. Its 2K road-facing camera and 1080p driver-facing camera work with onboard ADAS and DMS algorithms to detect collisions, lane departures, unsafe following distances, fatigue, distraction, smoking, phone use, and more—providing real-time voice alerts to help prevent incidents.

Can connect to a 4G SIM card or Wi-Fi hotspot, and the system connects effortlessly to the fleet platform for live viewing, tracking, remote configuration, and automated event uploads. DualSight™ AI captures every angle with high-definition recording and H.264/H.265 compression.

Dual TF card storage (2 x microSD@256GB), a supercapacitor for power-loss protection, and intelligent pre-recording ensure crucial moments are always captured. Designed for fast installation with integrated antennas and efficient heat dissipation, DualSight™ AI provides fleets a reliable, all-in-one solution to enhance safety, compliance, and operational visibility.

ADAS Camera Specification	
Image Device	1/2.7", 5 Megapixel Resolution, CMOS Sensor
Lens	2.3mm HFOV 130° VFOV 90°
Wide Dynamic Range	74dB
Lens Interface Type	Built-in Lens
DMS Camera Specification	
Image Device	1/2.8" 2 Megapixel CMOS Sensor
Lens	2.3mm HFOV 135° VFOV 70°
Wide Dynamic Range	Above 120dB
Lens Interface Type	Built-in Lens
System Specification	
Operating System	Linux
Software	Mobile APP/WebUI (Windows, iOS, WebUI)

Operation Permissions	Admin & User
Video Input	Built-in 2K+ 1080P+2 external input *1080P
Video Standard	PAL: 25 fps, NTSC: 30 fps
Recording Resolution	2K/1080P/720P/D1
Compression	Video: H.264/H.265 Audio: ADPCM
Storage	Max 2 microSD Cards @256GB each. Video Bit Rate 10Mbps/ch
Wireless	3G/4G Optional
Wi-Fi	Wi-Fi and Wi-Fi hotspot/AP
GPS	Internal or external GPS/GLONASS modules
Power Input	10~32V / Maximum Power 24W
Power Output	12V@2A
Standby Power Consumption	100mW
Operating Temp.	-20°C ~ +60°C, RH 80%MAX



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