

MGC-12 dashcam specifications

Element	Description
Network data	Global frequency bands
Micro-SD	0.59" x 0.47" x 0.029" (15 x 12 x 0.76mm)
GPS	GPS + AGPS
Road-facing lens	1080P HD; wide-angle camera. Field of view (approx): Horizontal: 118° Diagonal: 147°
In-cabin lens	720P HD with integrated IR and adjustable viewing angle. Field of view (approx): Horizontal: 113° Diagonal: 140°
Auxiliary cameras	Ability to connect up to four auxiliary cameras, wired and WiFi
Distracted driving events	<ul style="list-style-type: none"> • Cell phone use • Driver unbelted • Smoking • Food and drink • Distracted driving • Possible fatigue
Risky driving events	<ul style="list-style-type: none"> • Acceleration • De-acceleration • Sharp turns • Speed limit • Tamper • Vibration • Tailgating • G-sensor regular • G-sensor high
	<i>Powered by our accelerometer and g-force data</i>
Standby mode	When connected to constant power, the dashcam enters standby mode after the vehicle is turned off. This enables continued streaming and recording from the vehicle.
AI-12 dimensions	4.5" x 2.3" x 1.9" (115 x 60 x 50mm)
Weight	5.3oz (150g)
Casing material	PC2805
Operating temperature	Operating: 32°F to 158°F (0°C to 70°C) Note In case the operating temperature is out of range, the dashcam will not start and will resume operation after reaching normal operating temperature. Storage: 14°F to 185°F (-10°C to 85°C)
Protective cover	Protective cover over the SIM card and SD card slots, secured with a safety screw
Power	Hardwire kit is supplied with the AI-12 for continuous power. Optional to connect through OBD-II power adapter cable (12-24V), J1939, or RP1226.
Power consumption	Active: 12V 195mAh, Standby: 12V 32mAh
Storage/memory	128GB high endurance industrial SD card is supplied with the AI-12. The AI-12 supports up to 512GB.
Over the air (OTA) upgrade	Supported
Speaker	Built-in speaker for audible alerts
Event trigger button	Built-in button to capture an unusual event while driving
Processor	Qualcomm® Snapdragon™ Quadcore Processor