



# Front-Facing AI Dash Cam



## OVERVIEW

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The Front-Facing AI Dash Cam is a high-definition, internet-connected dash camera designed to detect risky driving behaviors, exonerate drivers, and reduce incident-related costs. Road-facing videos are uploaded to Samsara's cloud dashboard, which provides visibility into safety events and reports that are the cornerstones of safety programs.

## HIGHLIGHTS

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- Front-facing camera with HD resolution
- Real-time AI detections and built-in speaker for in-cab coaching of unsafe driving behaviors
- Automatic uploads of incident footage and driver-initiated video capture
- On-demand, over the air, video retrieval for event reconstruction
- Cloud dashboard with safety reports, manager-led coaching workflows, device health, uptime reports, and live streaming
- Ability to record up to 12 hours of video after a trip has ended
- Video playback from any internet connected device
- Easy installation: Plug and play in minutes

## ADD-ON ACCESSORIES\*

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- Dual-Facing Lens Cover for covering the road-facing camera lens
- Windshield Shim for mounting the dash cam onto the most common angled and split-pane windshields

\* Can be purchased through the Samsara Webstore or by contacting your sales rep.

# Technical Specifications

## FRONT-FACING CAMERA

<b>FIELD OF VIEW</b>	123° (semi-wide angle) front-facing camera
<b>RESOLUTION</b>	High definition (1080p)
<b>FRAME RATE</b>	Up to 30 fps

## AUDIO SPEAKER

<b>BUILT-IN SPEAKER</b>	Optional in-cab coaching and feedback
<b>BUILT-IN MICROPHONE</b>	Optional audio capture

## STORAGE, CONNECTIVITY, AND COMPUTE

<b>STORAGE</b>	19 to 65 trip hours of high-resolution video storage (configurable via cloud dashboard)
<b>CONNECTIVITY</b>	High-speed 4G LTE wireless connectivity via Samsara VG-series gateways. Data secured via SSL (256-bit, military-grade encryption)
<b>EDGE PROCESSING</b>	High capacity ML processor enabling real-time AI detections for driver coaching
<b>AUTOMATIC UPLOAD</b>	Automatically uploads video footage of critical safety events
<b>ON-DEMAND UPLOAD</b>	Stores continuous recordings on-camera, available for retrieval via the cloud dashboard

## MOUNTING, ENCLOSURE, AND POWER

<b>DIMENSIONS</b>	Camera only: 101 x 35 x 56 mm (4 x 1.4 x 2.2 in) Camera with mount: 108 x 41 x 61 mm (4.2 x 1.6 x 2.4 in) Cable: 4m (13 ft)
<b>MOUNTING</b>	Mounts to windshield via industrial-grade adhesive tape (included)
<b>POWER</b>	Connects to Samsara VG-series gateway (power + data). No additional power source or wiring required
<b>BATTERY</b>	Internal 1300mAh battery for fallback power when vehicle is off
<b>OPERATING TEMPERATURE</b>	-20° to 65° C