

# KP2

Modular HD Road-Facing/  
Driver-Facing Dashcam



## TRUE FLEXIBILITY IN VIDEO TELEMATICS

KP2's modular windshield-mounted road-facing camera offers forward visibility and Advanced Driver Assistance Systems (ADAS) safety alerts. Add the ingenious snap-on driver-facing camera to the unit — now or later — for video and AI-powered Driver State Monitoring (DSM) features. This is true flexibility in a cloud-based video telematics solution that's sleek, plug and play, simple and affordable.

## HIGHLIGHTS

### Add Driver-Facing Now or Later

Innovative modular design makes it easy to snap on the driver-facing camera to the road-facing unit, adding edge-based DSM functionality at the time of installation or later.

### Flexible Array of ADAS/DSM Features

ADAS options include tailgating, forward collision and lane departure alerts; DSM options include driver fatigue and distraction alerts. Real-time driver notification with natural language voice alerts.

### Fast and Easy Installation

Unique plug-and-play harness design enables installation so simple that customers can do it themselves; snap-off removal simplifies device servicing and replacement.

+

- Road-facing HD camera with GPS, 4G/LTE and video telematics
- Snap-on driver-facing camera ADAS/DSM features with real-time natural language driver notification
- Simple plug-and-play installation
- Artificial Intelligence Driving Events (AIDE) at no extra cost
- Supports GPS to A-GPS
- 64GB microSD card that can store over 50 hours of footage before beginning to overwrite

# KP2 Technical Specifications



<b>Image Sensor</b>	2 Megapixel CMOS Sensor
<b>Angle of View</b>	Main, Road-Facing Camera (Forward-Facing): 140° (115°(H), 60°(V)) 2nd Camera (Optional, Driver-Facing): 130° (104°(H) x 56°(V))
<b>ADAS Event Types</b>	- Headway Monitoring Warning (Tailgating) - Forward Collision Warning - Lane Departure Warning
<b>DSM Event Types</b>	- Fatigue - Distraction
<b>Wireless</b>	<b>LTE CAT6 (KP2-NA):</b> B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71 <b>3G Bands:</b> B2, B4, B5
	<b>LTE CAT6 (KP2-GB):</b> B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41 <b>3G Bands:</b> B1, B2, B4, B5, B8
	<b>Wi-Fi:</b> 2.4/5GHz, 802.11a/b/g/n/ac
	<b>Bluetooth:</b> 4.2 BLE
<b>Connectivity</b>	4G/LTE (CAT6)
<b>Max Data Rate</b>	UL: 50Mbps, DL: 300Mbps
<b>Video Resolution</b>	Main Camera: 1080p (1920x1080), 720p (1280x720) 2nd Camera: 1080p (1920x1080), 720p (1280x720)
<b>Recording Speed</b>	60FPS (30FPS per Channel)
<b>Recording Mode</b>	Continuous, Event, Dual Mode
<b>Memory</b>	16GB eMMC+2GB LPDDR3, 64GB MicroSD Card Included. Supports up to 256GB (FAT32)
<b>GNSS</b>	Internal GPS/GLONASS/BeiDou
<b>G-Sensor</b>	Internal 3-Axis G-Sensor
<b>Gyro</b>	3 Axis (X,Y,Z), Output Rate: 100 Hz
<b>Time</b>	GPS Time Sync + Built-In Real-Time Clock (RTC)
<b>Speaker</b>	Audible Alerts for Events and Audio for ADAS and DSM. Natural Language or Beep Sounds (Selectable)
<b>Audio</b>	Internal Microphone
<b>Serial</b>	RS232 RX/TX
<b>LED</b>	3 (Red, Blue, Green LED)
<b>Supercapacitor</b>	Enables Recording of Last File and Safe Shutdown
<b>PC Software</b>	MSM8953, Octa-Core ARM Cortex-A53
<b>Power Input</b>	Input Voltage: DC 12V/24V, 1.5A
<b>Delayed Power Shutdown</b>	Supports Delayed Power Shutdown and Automated Wake-Up Feature (Selectable Intervals)
<b>Power Consumption</b>	4W (6W with ADAS and DSM Enabled)
<b>Size / Weight</b>	126 x 82 x 64 mm / 232.4g (Including 2nd Camera, Excluding Power Cable)
<b>Operational Temperature</b>	-10°C~55°C
<b>Storage Temperature</b>	-20°C~70°C
<b>Certification/Regulatory</b>	FCC, CE, E-Mark, UKCA, RoHS, IC, PTCRB, RCM, AT&T, Verizon and FirstNet
<b>Warranty</b>	2-Year Standard