# 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 edge-based advanced driver-assistance system (ADAS) safety alerts. Add the ingenious snap-on driver-facing camera to the unit — now or later — for video and AI-powered driver status monitor (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 edge-based 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 pedestrian alerts; DSM options include driver fatigue, distracted driver, driver phone use and driver smoking 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, EMS 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

- Automated switching from GPS to A-GPS as necessary

- 64GB SD card that stores over 50 hours of HD footage before beginning to overwrite

# KP2 Technical Specifications

| | | | |
|---|---|---|---|
| **Image Sensor** | 2 Megapixel CMOS Sensor | | |
| **Angle of View** | Main, Road-Facing Camera (forward-facing): 140° (115°(H), 60°(V))<br>Second Camera (optional, driver-facing): 130° (104°(H) x 56°(V)) | | |
| **Max Data Rate** | UL: 50Mbps, DL: 300Mbps | **Connectivity** | 4G/LTE (CAT6) |
| **ADAS Event Types** | - Tailgating Warning<br>- Forward Collision Warning<br>- Pedestrian Collision Warning | **DSM Event Types** | - Fatigue<br>- Distraction<br>- Smoking<br>- Phone Use |
| **Video Resolution** | Main Camera: 1080p (1920x1080), 720p (1280x720)<br>2nd Camera: 1080p (1920x1080), 720p (1280x720) | | |
| **Recording Speed** | 60 FPS (30 FPS per channel) | **Recording Mode** | Continuous, Event, Dual Mode |
| **Memory** | 16GB eMMC+2GB LPDDR3, 64GB SD Card Included. Supports up to 256GB (FAT32) | | |
| **GPS/GLONASS** | Internal GPS/GLONASS/BeiDou | | |
| **G-Sensor** | Internal 3-Axis G-Sensor | | |
| **Gyro** | 3 Axis (X,Y,Z), Output Rate: 100 Hz | | |
| **Wireless** | **LTE CAT6 (KP2-NA):** B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71<br><br>**LTE CAT6 (KP2-GB):** B1/B3/B5/B7/B8/B20/B28/B38/B40<br><br>**Wi-Fi:** 2.4 GHz, 802.11a/b/g/n/ac<br><br>**Bluetooth:** BT2.1 + EDR/3.0/4.1 LE/4.2 BLE | | |
| **Speaker** | Audible Alerts for Events and Audio for ADAS and DSM. Natural Language or Beep Sounds (selectable) | | |
| **LED** | 3 (Red, Blue, Green LED) | **Audio** | Internal Microphone |
| **Super Capacitor** | Enables Recording of Last File & Safe Shutdown | | |
| **PC Software** | MSM8953, Octa-Core ARM Cortex-A53 | **Serial Port** | RS232 RX/TX |
| **Power Input** | Input Voltage: DC 12V/24V, 1.5A | | |
| **Delayed Power Shutdown** | Supports Delayed Power Shutdown and Automated Wakeup Feature, Selectable Intervals | | |
| **Power Consumption** | 4W (6W with ADAS & DSM enabled) | | |
| **Size / Weight** | 126 x 82 x 64 mm / 232.4g (including 2nd camera, excluding power cable) | | |
| **Operational Temperature** | -10°C~55°C | **Storage Temperature** | -20°C~70°C |
| **Warranty** | 2-Year Standard | | |