XIRGO X

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

Flexible driver monitoring installable now or later

Highly adaptable installation

Enable configurable edge AI

Real-time in-cabin alerts encourage proper driver behavior

Features

- GPS, 4G/LTE, HD video capture, event detection, ADAS, DSM and telematics in one
- Compatible with AIDE to reduce false positive events
- 1080p HD video for road-facing and driver-facing views
- Supports up to 256GB of storage
- Receive ADAS regardless of installation type
- Broad installation compatibility (passenger/light-duty OBDII and heavy-duty J1939)

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REALTIME MONITORING

Technical Specifications

Mechanical

Size	82 (w) x 126 (h) x 64 (d) mm
Weight	232.4 g (Including 2nd Camera, Excluding Power Cable)
Image Sensor	2 Megapixel CMOS Sensor
Angle of View	Main, Road-Facing Camera (Forward-Facing): 140° (115° (h), 60° (v)) 2nd Camera (Optional, Driver-Facing): 130° (104° (h) x 56° (v))

Electrical

Power Input	12/24 VDC, 1.5 A
Power Consumption	4 w (6 w with ADAS and DSM Enabled)
Delayed Power Shutdown	Supports Delayed Power Shutdown and Automated Wake-Up Feature (Selectable Intervals)
Supercapacitor	Enables Recording of Last File and Safe Shutdown (Selectable Intervals)
PC Software	MSM8953, Octa-Core ARM Cortex-A53
Video Resolution	Main Camera: 1 080 px (1 920 x 1 080), 720 px (1 280 x 720) 2nd Camera: 1 080 px (1 920 x 1 080), 720 px (1 280 x 720)
Recording Speed	60 FPS (30 FPS per Channel)
Recording Mode	Continuous, Event, Dual Mode
Memory	16 GB eMMC+2 GB LPDDR3, 64 GB MicroSD Card Included. Supports up to 256 GB (FAT32)
LED	3 (Red, Blue, Green LED)

Environmental

Operational Temperature	-10 °C ~ +55 °C
Storage Temperature	-20 °C ~ +70 °C

Communications

Connectivity	4 G/LTE (CAT 6)
Wireless	**LTE CAT6 (NA):** B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71 3 G Bands: B2, B4, B5 **LTE CAT6 (GB):** B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41 3 G Bands: B1, B2, B4, B5, B8 **Wi-Fi:** 2.4/5GHz, 802.11 a/b/g/n/ac **Bluetooth:** 4.2 BLE
Speaker	Audible Alerts for Events and Audio for ADAS and DSM. Natural Language or Beep Sounds (Selectable)
Audio	Internal Microphone
ADAS Event Types	Headway Monitoring Warning (Tailgating) Forward Collision Warning Lane Departure Warning
DSM Event Types	Fatigue Distraction

Positioning

GNSS	GPS/GLONASS
G-Sensor	Internal 3-Axis G-Sensor
Gyro	3 Axis (X,Y,Z), Output Rate: 100 Hz
Time	GPS Time Sync + Built-In Real-Time Clock (RTC)

Compliance

Certification/Regulatory	FCC, AT&T, Verizon, CE, E-Mark, UKCA, IC, PTCRB, RCM, FirstNet, RoHS
Warranty	2 Years Standard

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Delivering Optimal **Uptime!**