



KP2

Road-Facing Dashcam With
Snap-On Driver Camera Option

Next-Level Flexibility in Video Telematics

Xirgo's modular KP2 road-facing video telematics device records potential events and stores them in the cloud for fast review. Its unique modular design enables fleet managers to add the optional driver-facing camera quickly with snap-on simplicity at purchase or any time later. Cloud-based technology keeps the KP2 simple, slim to the windshield and easy to update.



HIGHLIGHTS



Innovative snap-on driver-facing camera option



Speed sign and limit violation recognition* improves safe operation



FirstNet certified for access to AT&T's exclusive emergency cellular network



Real-time safety alerts can be enabled or disabled individually and notify drivers as chimes or natural language voice

FEATURES

- > Optional snap-on driver-facing camera provides instant access to AI-powered driver distraction and fatigue detection features
- > Advanced Driver Assistance Systems (ADAS) alerts include speed/stop sign and violation detection*, tailgating, forward collision, separate left- and right-lane departure and pedestrian detection
- > Cloud-based Artificial Intelligence Driving Events (AIDE) analysis software dramatically reduces false positives
- > Reliable event capture and video upload to the cloud during a catastrophic event
- > 12-month GPS and event/video data retention standard
- > 64GB microSD card that can store over 50 hours of footage before beginning to overwrite

*Feature available in the U.S. and Australia only.

KP2 TECHNICAL SPECIFICATIONS

Mechanical

Dimensions	82mm W x 126mm H x 64mm D/3.2" W x 5.0" H x 2.5" D
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)) Optional Driver-Facing Camera: 130° (104°(H) x 56°(V))

Electrical

Power Input	DC 12V/24V, 1.5A
Power Consumption	4W (6W 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: 1080p (1920x1080), 720p (1280x720) 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 MicroSD Card Included. Supports up to 256GB (FAT32)
LED	3 (red, blue, green LED)

Environmental

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

Communications

Connectivity	4G/LTE (CAT 6)
Wireless	LTE CAT6 (NA): B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B41/B66/B71 3G Bands: B2, B4, B5
	LTE CAT6 (GB): B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41 3G Bands: B1, B2, B4, B5, B8
	Wi-Fi: 2.4/5GHz, 802.11a/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 Pedestrian Detection
DSM Event Types	Fatigue Distraction

Positioning & Sensing

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