



HARDWARE PLATFORM

AP1

Road-Facing HD
Telematics Dashcam



2-IN-1 TECHNOLOGY: VIDEO AND TELEMATICS COMBINED

The AP1 delivers video and telematics in an affordable, plug-and-play device with ADAS. With fast and simple installation, the AP1 is focused on the features that keep your costs down and your drivers safe, happy and driving for you.

HIGHLIGHTS

Reduce Friction With Drivers

The road-facing, connected camera assists rather than annoys drivers, leading to higher job satisfaction and driver retention.

Protect From Unfair Blame

Crystal-clear HD video documentation and evidence reduces accident, litigation and insurance-related costs.

Keep Drivers Safe With ADAS Features

Audio notifications alert drivers to unsafe driving behaviors, such as lane departure, collision and proximity warnings, in real time.

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- 2-in-1 device works with an existing telematics black box or without
- Road-facing HD camera
- GPS, EMS and video telematics in one device
- ADAS with real-time driver notification
- Rapid plug-and-play installation
- Artificial Intelligence Driving Events (AIDE) at no extra cost
- Automated switching from GPS to A-GPS as necessary

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AP1 Technical Specifications



Size/Weight	122mm x 95.5mm x 15.5mm/212g		
AP	ARM Cortex A7 Quad-core@1.1GHz(MSM8909)		
GPU	Adreno 304		
eMMC	8GB		
SDRAM	1GB LPDDR3		
Bluetooth	BT4.2 (BR/EDR+BLE)		
WiFi	IEEE 802.11 a/b/g/n		
Operational Temperature	-20° C ~ 65° C		
Super Capacitor	2.7V/7F		
Power Consumption	Max. 750mA/12V (9.0W)		
Angle of View	FOV(D) 128°		
Antenna	LTE main, LTE DRX, GNSS, Wi-Fi/BT		
Image Sensor	1/2.9 inch CMOS image sensor, 1080p@30fps		
G-Sensor	Digital, tri-axial acceleration sensor		
Cellular		3G Bands	4G LTE Bands
	US	B1, B2, B5, B8	LTE CAT4 B2, B4, B5, B7, B12, B13, B25, B26
	EMEA	B1, B2, B5, B8	LTE CAT4 B1, B2, B3, B5, B7, B8, B20, B28A
Input Connection	OBDII; DC 10V to 32V		
GPS/GLONASS	GPS/GLONASS/BeiDou, support A-GPS		
Audio Amp	D-class, 879mW, 4.2V/8 ohm		
Speaker	23 pi, 8ohm, 88dB		
MIC	MEMS, -42dBV, 59dBA SNR		
MicroSD	Up to 128GB		
SIM	Nano SIM (4FF)		
Micro USB	Yes		
Warranty	Lifetime; current customers with an active subscription to SmartWitness Web Services		

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