



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.



- 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

# AP1 Technical Specifications



<b>Size/Weight</b>	122mm x 95.5mm x 15.5mm/212g		
<b>AP</b>	ARM Cortex A7 Quad-core@1.1GHz(MSM8909)		
<b>GPU</b>	Adreno 304		
<b>eMMC</b>	8GB		
<b>SDRAM</b>	1GB LPDDR3		
<b>Bluetooth</b>	BT4.2 (BR/EDR+BLE)		
<b>WiFi</b>	IEEE 802.11 a/b/g/n		
<b>Operational Temperature</b>	-20° C ~ 65° C		
<b>Super Capacitor</b>	2.7V/7F		
<b>Power Consumption</b>	Max. 750mA/12V (9.0W)		
<b>Angle of View</b>	FOV(D) 128°		
<b>Antenna</b>	LTE main, LTE DRX, GNSS, Wi-Fi/BT		
<b>Image Sensor</b>	1/2.9 inch CMOS image sensor, 720p@30fps		
<b>G-Sensor</b>	Digital, tri-axial acceleration sensor		
<b>Cellular</b>		<b>3G Bands</b>	<b>4G LTE Bands</b>
	<b>US</b>	B1, B2, B5, B8	LTE CAT4 B2, B4, B5, B7, B12, B13, B25, B26
	<b>EMEA</b>	B1, B2, B5, B8	LTE CAT4 B1, B2, B3, B5, B7, B8, B20, B28A
<b>Input Connection</b>	OBDII; DC 10V to 32V		
<b>GPS/GLONASS</b>	GPS/GLONASS/BeiDou, support A-GPS		
<b>Audio Amp</b>	D-class, 879mW, 4.2V/8 ohm		
<b>Speaker</b>	23 pi, 8ohm, 88dB		
<b>MIC</b>	MEMS, -42dBV, 59dBA SNR		
<b>MicroSD</b>	Up to 128GB		
<b>SIM</b>	Nano SIM (4FF)		
<b>Micro USB</b>	Yes		
<b>Warranty</b>	Lifetime; current customers with an active subscription to SmartWitness Web Services		