

MobileMule™ AI

Safe Fleet Waste & Recycling-AI

The MobileMule™ AI is a dual-dash cam that monitors drivers and the road ahead. The driver-facing side detects fatigue/drowsiness, distracted driving, smoking, seat belt usage, and phone usage. The road-facing side detects forward collision, tailgating, lane departure, rolling stops, and high-risk vehicles up ahead.

Utilize features like two-way streaming, a panic button, real-time alerts, driver scoring, and cloud services for videos and metadata storage.



Specifications	
Platform	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz
OS	Android™ 9.0
Memory	2GB RAM / 16GB internal storage
Display Brightness	400 cd/m2
Expansion	MicroSD slot (up to 256GB support)
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz), Bluetooth® 4.2 BLE LTE Cat.6 (3G/2G fallback*)
NFC	RFID (HF): ISO14443A&B, ISO15693
Sensors	3-axis Accelerometer, 3-axis Gyro, Thermal Sensor
Outward camera	FOV: D: 142° / H: 116° / V: 60° (±5%) Full HD 1920 x 1080 @ 30fps
Inward camera	FOV: D: 142° / H: 116° / V: 60° (±5%) Full HD 1920 x 1080 @ 30fps
Physical Interface	MicroSD slot (up to 256GB capacity), NanoSIM slot (SIM 1) and eSIM** (SIM 2), Mini USB x1 (supports 3rd cam, USB type), Built-in mic x2, Built-in speaker x1
All-in-one Connector	12/32V power input, IGN power on signal input (H active, 7/32V) GPIO x4: 1 out / 3 in (polling mode), ECU connection** Vehicle signal: speed pulse, reverse signal input, RS232 (Tx/Rx)
Panic Button	Yes
Power Consumption	Full run mode: 5W (12V/420mA), Parking mode: 50mW (12V/4.2mA)
Boot Up Time	Cold boot : 45s; Resume from parking mode and start recording: 2s
Parking Mode	With impact detection
Operating Temperature	-20° to +60°C (-4° to +140°F) operating temperature
Storage Temperature	-30° to +85°C (-22° to +185°F)
Certification	CE/CB, FCC/IC, RCM, BQB, ROHS, WEEE
Weight	158g (5.6oz)
Trigger	1 for rear view, 1 for left, 1 for right
Dimensions	122.8 x 61.2 x 44.2mm (4.83 x 2.41 x 1.74")
GSM	850/900/1800/1900MHz

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