

DATASHEET:

AI-POWERED. REAL-TIME FLEET DASH CAM LANA CAM



LANA™ Cam is an intelligent dash camera that provides video evidence to protect drivers, assets, reputations, and livelihoods.

LANA™ Cam's dual HD cameras allow monitoring inside and outside the vehicle, and plugs into any class 1-8 OBD-II port for constant monitoring, even while the vehicle is off. LANA™ Cam features a touch screen display as well as voice-control, allowing clips to easily be saved to the cloud and sent to authorized users. Its live feed capabilities allow fleet managers to see and hear drivers in real-time.

LANA™ Cam's AI software is designed to detect costly incidents and risky vehicle operations such as vehicle break-ins, crash detection, hard stops*, tailgating*, and irregular driving behavior*.

LANA™ Cam installs in just minutes and over-the-air updates enables new features to be added without the need to replace hardware.

KEY FEATURES

- 4G LTE unlimited service
- Road-facing 1080p camera @ 30FPS
- Driver-facing 720p camera @ 30FPS
- Live View (watch and hear in real-time)
- Anti-theft beacon
- Guard mode protects parked vehicles
- Exterior-facing anti-theft beacon
- OBD-II vehicle data & telematics
- 160GB of on-board video storage
- LCD touchscreen
- Voice tagging
- BLE 4.2
- 2GHz8- core processor; 128GB RAM
- Internal gyroscope, accelerometer, and temp sensor
- Automatic active cooling fan
- Adapters available for vehicles without an OBD-II port or already occupied ports
- Certifications: FCC, PTCRB, IC, AT&T

USE CASES

- | | |
|------------------------------|-------------------------------|
| • Transportation & Logistics | • Construction - Vans, Trucks |
| • Passenger Transit | • Enterprise & Rental Fleets |
| • School Transportation | • Government & Public Safety |
| • Utility Services | • Services |
| • Food and Beverage | |

LANA CAM SPECIFICATIONS:

MECHANICAL

Dimensions	3.4" x 2.4" x 1.1" (63.2 x 88.0 x 28.5mm)
------------	---

Weight	3.8 oz. (108 g)
--------	-----------------

PHYSICAL CONNECTIONS

Operating Temperature	-4°F to 120°F (-20°C to 49°C)
-----------------------	----------------------------------

Harness Connector	OBD-II, USB-C, Full-Duplex high speed serial
-------------------	---

Tactile Button	Device reset
----------------	--------------

POWER REQUIREMENT

DC Power	DC 12V
----------	--------

Power Source	(vehicle power)
--------------	-----------------

Sleep Mode	Auto shut-off after 72 hours
------------	---------------------------------

GPS MODULE

Receiver Type	72 channel
---------------	------------

Tracking Sensitivity*	-167 dBm
-----------------------	----------

Accuracy	+/- 2.5 CEP
----------	-------------

CAMERAS

Sensor Resolution	4MP with 2µm pixel size
-------------------	-------------------------

Exterior-Facing Camera	1440p HD video @ 30 FPS
------------------------	-------------------------

Interior-Facing Camera	Infrared 720p HD video @ 30 FPS
------------------------	------------------------------------

Aperture	f/2.14
----------	--------

FOV	120 degrees
-----	-------------

DISPLAY

Screen Size	2.4" (diagonal) LCD touch-screen display
-------------	---

Resolution	OBD-II, USB-C, Full-Duplex high speed serial
------------	---

Contrast & Brightness	800:1 contrast ratio; 400cd/m2 max brightness
-----------------------	--

CELLULAR MODULE

MNO	AT&T
-----	------

Supported Regions	United States & Canada
-------------------	------------------------

