

DRIVER ACCOUNTABILITY



K245C

Advanced 4G LTE Digital Camera

Road and in-cab visibility with verified driver identification

When vehicles are shared across drivers and shifts, identifying who was behind the wheel is essential to understanding any recorded event. The K245C gives fleet operators a connected view of the road, cab and assigned driver through synchronised Full HD video, NFC driver identification, satellite tracking and remote live viewing over 4G LTE.

Both cameras can be adjusted through 90 degrees to suit different windscreen angles and cab layouts. Footage is stored locally on a microSD card with

capacity of up to 1TB, while supported cloud storage can retain transmitted footage for up to six months, depending on the selected service and successful transmission.

This provides authorised teams with clear recorded context for incident review, driver coaching and risk management.



Detailed View

A closer look at the K245C's cameras, connectivity, mounting and security features.

4G LTE / WI-FI INDICATOR



NFC

For driver ID verification & instant pairing with other devices

EMERGENCY RECORDING BUTTON

Manually press the button to protect the clip from being overwritten

WINDSHIELD MOUNTING

Easy to install in minutes

INWARD CAMERA

Full HD 1920 × 1080 pixels
Wide 142° field of view
Infrared for low-light visibility

I/O COVER WITH TAMPER-RESISTANT LOCK SCREWS

Prevent unauthorised access to I/O ports including Micro SD and SIM

FORWARD CAMERA

Full HD 1920 × 1080 pixels
Wide 142° FOV
90° tiltable camera angle

MINI USB

For data transfer and external camera connection

ALL-IN-ONE CONNECTOR

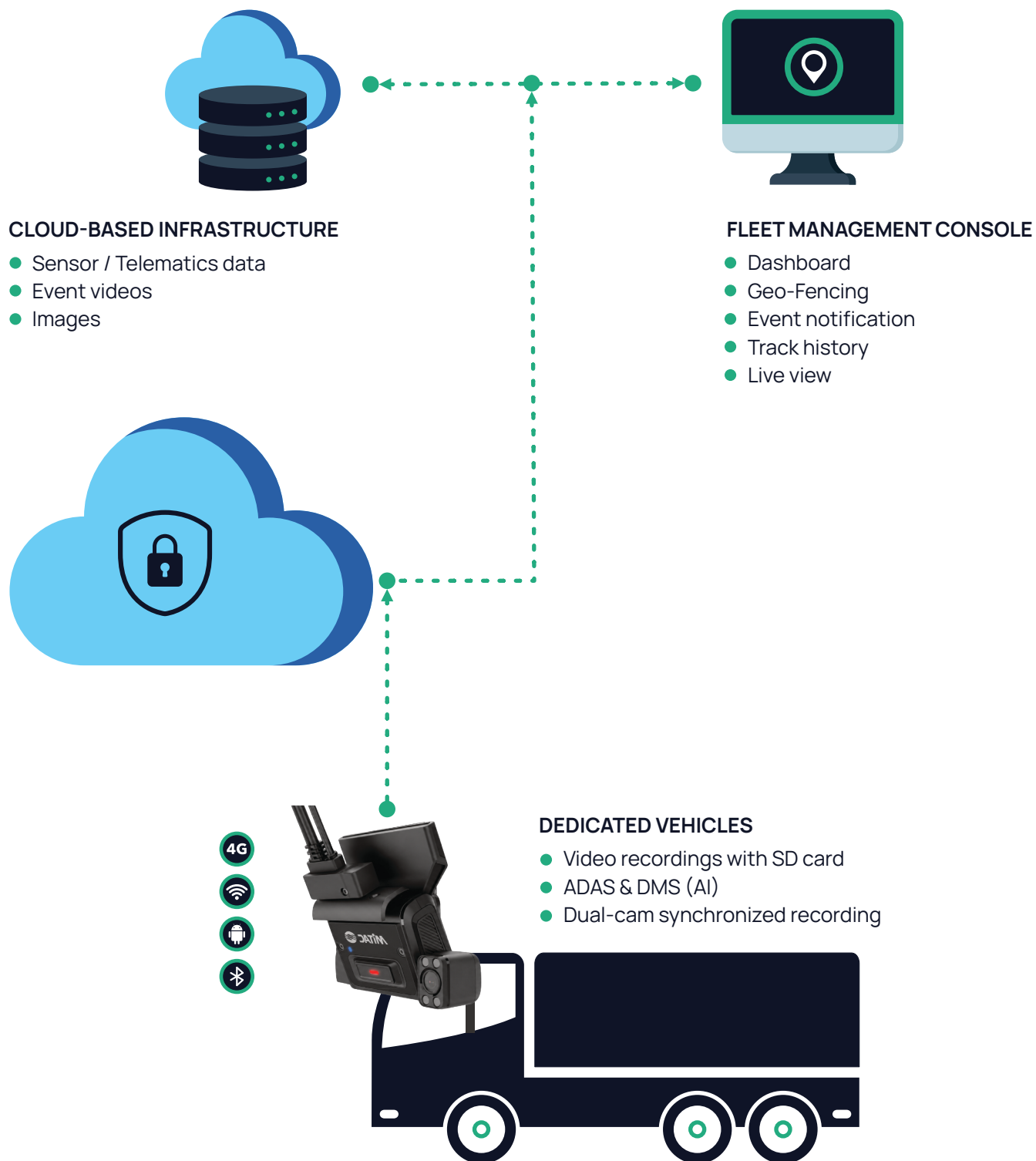
Connect to vehicle battery
Optional ECU integration

MICRO SD/ NANO SIM

Storage up to 1TB
LTE Cat.6 (3G/2G fallback)

Operational Scenario

See how the K245C securely connects each vehicle to the cloud and fleet management console for live monitoring, tracking and event review.



Specification

Platform	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz	
OS	Android™ 9	
Memory	2GB RAM / 16GB internal storage	
Expansion	MicroSD slot (Storage up to 1TB)	
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz) Bluetooth® 4.2 BLE GPS, QZSS, GLONASS, Galileo (supports ADR**) LTE Cat.6 (3G/2G fallback*) EMEA & Australia LTE FDD Band 1/2/3/4/5/7/8/20/28; LTE TDD Band 38/39/40/41; WCDMA Band 1/2/4/5/8; GSM 850/900/1800/1900MHz	
		North America LTE FDD Band 2/4/5/7/12/13/14/17/25/26/66/71; LTE TDD Band 41; WCDMA Band 2/4/5*
NFC	NFC: MiFare®, FeliCa I RFID (HF): ISO14443A&B, ISO15693	
Sensors	3-axis Accelerometer, 3-axis Gyro, Thermal Sensor	
Camera	Forward: FOV: D: 142°/ H: 116°/ V: 60° (±5%) Full HD 1920 x 1080 @ 30fps (configurable) Inward (IR): FOV: D: 142°/ H: 116°/ V: 60° (±5%) Full HD 1920 x 1080 @ 30fps (configurable)	
Physical Interface	MicroSD slot (Storage up to 1TB) NanoSIM slot (SIM 1) and eSIM** (SIM 2) Mini USB x1 (supports external 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**: SAE J1962 / SAE J1939 RS232 (Tx/Rx)	
Buttons	Emergency recording button for driver to manually trigger 60s recording	
LED Indicators	Recording, WiFi/LTE active	
Battery	10F SuperCAP (approx. 18s backup power supply for video clips saving)	
Power Consumption	Full run mode: 5W (12V/ 420 mA) Parking mode: 50mW (12V/ 4.2 mA)	
Boot Up Time	Cold boot: 45s; Resume from parking mode and start recording: 2s	
Parking Mode	With impact detection	
Environment	-20° to +60°C (-4° to +140°F) operating temperature -30° to +85°C (-22° to +185°F) storage temperature	
Certification*	CE, CB, FCC/IC, RCM, BQB, PTCRB, AT&T, Verizon, T-Mobile, FirstNet, WEEE, ROHS, AWS (Amazon Web Services), Telstra, Rogers, Telus	
Warranty	12 months (extended warranty available)	
Weight / Dimensions	213g / 127.8 x 107.2 x 42.75 (mm)	