POWERFLEET®

PRODUCT SHEET

VIDEO TELEMATICS

Matrix Vision

Intelligent Video Telematics Solution

Detailed View

4G LTE/WIFI INDICATOR

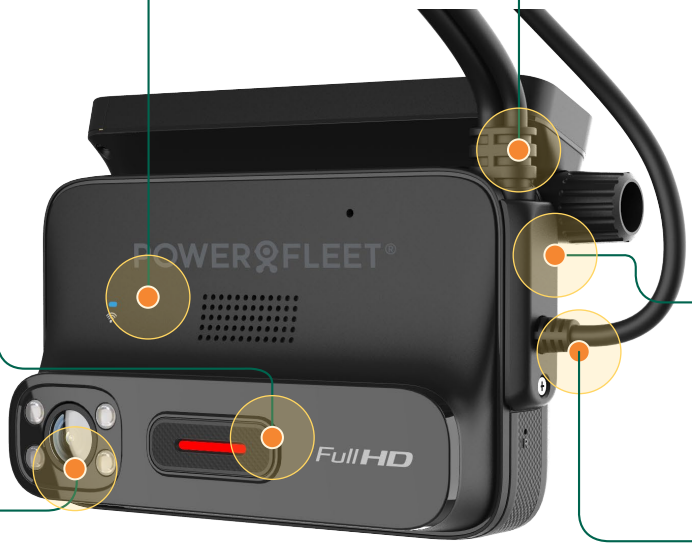
4G LTE WIFI

INWARD CAMERA

Full HD 1920 × 1080 pixels
Wide 142° FOV
IR for low light visibility

EMERGENCY RECORDING BUTTON

Manually press button to protect the clip from being overwritten



ALL-IN-ONE CONNECTOR

Connect to vehicle battery Optional ECU integration

CABLE COVER

USB CABLE

For data transfer and external camera connection

WINDSHIELD MOUNTING

Easy to install in minutes

FORWARD CAMERA

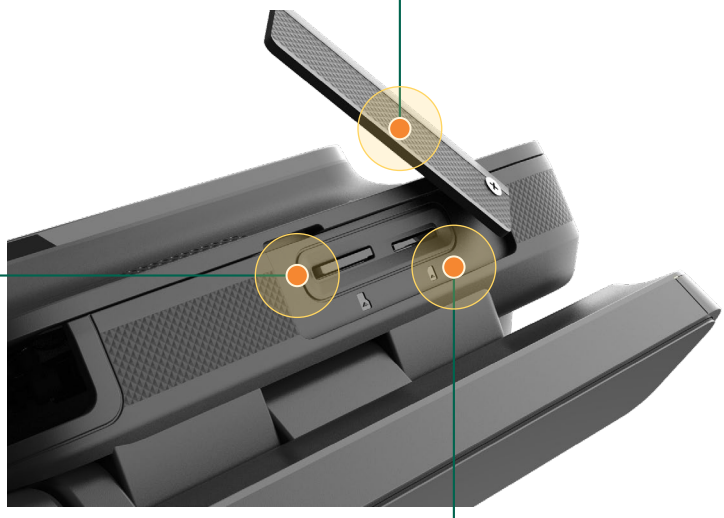
Full HD 1920 × 1080 pixels
Wide 120˚ FOV

TAMPER PROOF COVER

Prevents any unauthorized removal

MICRO SD

Storage up to 512GB



NANO SIM

LTE Cat.6
(3G/2G fallback)

Technical Specifications

General

Platform	Qualcomm® Snapdragon™ SDM450 Octa core, 1.8GHz
OS	Android™ 9.0
Memory	2GB RAM/16GB internal storage
Expansion	MicroSD slot (up to 512GB support)
Wireless Interface	IEEE 802.11 a/b/g/n/ac (2.4GHz & 5GHz)
	Bluetooth® 4.2 BLE
	GPS, QZSS, GLONASS, Galileo
	MEA & 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"
Sensors	3-axis Accelerometer, 3-axis Gyro
Camera	Forward: FOV: 142.8°, H: 120.4°, V: 63.8° (±5%)
	Full HD 1920 × 1080 @ 30fps (configurable)
	Inward (IR): 142.8°, H: 120.4°, V: 63.8° (±5%)
	Full HD 1920 × 1080 @ 30fps (configurable)
Physical Interface	MicroSD slot (up to 512GB capacity)
	NanoSIM slot (SIM 1) and eSIM** (SIM 2)
	Mini USB x1 (supports external cam, USB type)
	Built-in mic x1
	Built-in speaker x1
All-in-one Connector	12-32V power input, IGN power on signal input (H active, 7~32V)
	GPIO Input x 1 (Default)/ GPIO Input x 3 + Output x 1 (Option)
Buttons	Emergency recording button
LED Indicators	Recording, WiFi/LTE active

Technical Specifications (cont'd)

Battery	5F SuperCAP (approx. 12 secs backup power supply for video clips saving)
Power Consumption	Full run mode: 4.6W (12V/ 380 mA)
	Parking mode: 90mW (12V/7.5mA)
Boot Up Time	Cold boot: 30s; Resume from parking mode and start recording: 2s
Parking Mode	With impact detection
Environment	-20° to +60°C (-40° to +140°F) operating temperature
	-20° to +70°C (-40° to +158°F) operating temperature (under certain conditions)
	-30° to +85°C (-22° to +185°F) storage temperature
Certification*	CE, CB, FCC/IC, UKCA, BQB, PTCRB, WEEE, ROHS, AT&T Network Ready, AWS, BIS
Warranty	12 months (extended warranty available)
Weight	205g
Dimensions	112 × 70 × 47.9mm

Box contents*	Fleet connected camera | Quick start guide | Windshield mounting kit | Standard with OBD power cable | Cable cover

* Region Dependent ** Optional

Powerfleet (Nasdaq: PWFL; JSE: PWR; TASE: PWFL) is a global leader in the artificial intelligence of things (AIoT) software-as-a-service (SaaS) mobile asset industry. With more than 30 years of experience, Powerfleet unifies business operations through the ingestion, harmonization, and integration of data, irrespective of source, and delivers actionable insights to help companies save lives, time, and money. Powerfleet's ethos transcends our data ecosystem and commitment to innovation; our people-centric approach empowers our customers to realize impactful and sustained business improvement. The company is headquartered in New Jersey, United States, with offices around the globe. Explore more at www.powerfleet.com.

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