TELTONIKA PROCAM

Professional edge AI dashcam with live streaming and 360° view support



Assisted driving

Driver behaviour monitoring

International logistics solutions

Live streaming

360° LIVE STREAMING SUPPORT

Up to 4 additional camera modules supported for full fleet visibility and blind spot prevention

INCIDENT PREVENTION WITH EDGE AI

ADAS and DSM capabilities for real-time driver assistance and distraction detection

TAILORED FOR PROFESSIONAL TELEMATICS

Privacy mode support for GDPR compliance and multiple inputs to connect external devices

FAST DEPLOYMENT WITH TELTONIKA SOFTWARE

Dashcam setup and live video preview in TCT for easy configuration and deployment

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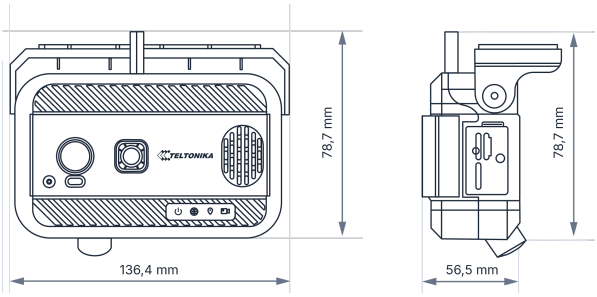

Product	
Model name	ProCam
Module	
Technology	4G LTE / WiFi / GNSS
System & processing	MCU: ARM Cortex-M4 AI processing (NPU): Neural-network acceleration engine, up to 3 TOPS Memory (RAM): 8 Gb DDR3 Internal storage: 256 MB (NAND flash) Operating system: Linux
Front Camera	Diagonal FOV: 125° Horizontal FOV: 106.6° Vertical FOV: 57°
In-cabin Camera	Diagonal FOV: 140° Horizontal FOV: 118° Vertical FOV: 62°
GNSS	
GNSS	GPS / Galileo / GLONASS / BeiDou
Cellular	
Mobile networks	TDD-LTE / FDD-LTE / WCDMA
2G bands	ProCam EU EC200A-EU : GSM: B3/B8 ProCam LA EC200A-AU : GSM: B2/B3/B5/B8 ProCam NA EC25-AFXD : -
3G bands	ProCam EU EC200A-EU : WCDMA: B1/B5/B8 ProCam LA EC200A-AU : WCDMA: B1/B2/B4/B5/B8 ProCam NA EC25-AFXD : WCDMA: B2/B4/B5
4G LTE bands	ProCam EU EC200A-EU : LTE FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 ProCam LA EC200A-AU : LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE-TDD: B40 ProCam NA EC25-AFXD : LTE FDD: B2/B4/B12
Data codec	
Codec support	Up to 6× 1080p@25fps video channels
Video standard	PAL (default) / NTSC

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Power	
Input voltage range	9–36 V DC
Supercapacitor	2 built-in supercapacitors
RTC battery	5.5 mAh MS Lithium rechargeable battery, 3 V (3.1–2.0 V operating range)
Circuit protection	Undervoltage, short-circuit and reverse-polarity safeguards
External fuse	5 A
Power consumption	At 10 V < 0.75 A (Nominal with no load) At 10 V < 1.75 A Max (with full Load/Peak)

Physical specification	
Dimensions	136.4 × 56.5 × 78.7 mm (L x W x H)
Weight	444 g
Casing	Aluminium alloy + PC + ABS (UL94-V0)

Operating environment	
Operating temperature	−20 °C to +60 °C
Storage temperature	−40 °C to +85 °C

Interface	
Camera channels	Channel 1 (Default for ADAS): Audio + Video Channel 2 (default DSM): Video Channels 3–6: Video
Detachable cameras interface	4-pin aviation connector, AHD signal, 1080p default (720p optional) — up to 4 add-on cameras* * To connect add-on cameras, the camera expansion cable must be purchased.
Audio input/output	Single-channel audio input and output
Wifi	802.11 b/g/n/ac
GPIO	3-channel input 1-channel output 1-channel RS232
Wiring / other outputs	PWR_VCC, PWR_GND, PWR_ACC, INPUT, LEFT turn signal, RIGHT turn signal, OUTPUT, RS232_TX, RS232_RX, RS232_GND
Other interfaces	1× micro-SIM slot 2× microSD slots 1× USB Type-C (2.0)
eSIM	Optional
Memory / SD card	2× microSD, up to 512 GB each
LED indication	Power; 4G; GPS; Video recording (4 status LEDs)

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Features	
AI ADAS	Forward Collision Warning (FCW); Headway Monitoring Warning (HMW); Pedestrian Collision Warning (PCW); Lane Departure Warning (LDW)
AI DSM	Driver Eye Closed; Driver Yawning; Driver Distraction; Driver Smoking; Driver Phone Use; Seat Belt Non-Fastened; No Driver Detected; Camera Obstructed
Vehicle telematics	Harsh Braking; Harsh Acceleration; Sharp Turn; Collision; Rollover
Sensors	6-axis IMU (gyroscope)
Work modes	Standard operating mode; delayed shut-down; sleep mode; scheduled power-on; remote wake-up

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