

- High Performance AI Chipset
- Up to 4 Video Channels
- Built-in ADAS + DMS Cameras
- Driver Face Recognition
- Multi-Platform Connection
- Extended RS232 Sensors

AT622

Smart 4G Dash Camera with Full Featured Telematics

<https://www.szayx.com.cn>

- Location Tracking
- LTE 4G High Speed Connectivity
- Lens Angle Adjustable
- Live Streaming Video
- History Video Playback & Download
- Remote Engine Cut-off
- Panic Button
- Built-in Mic and Speaker
- Wi-Fi with AP & Station Mode
- Parking Monitor
- OTA Firmware Update



The AT622 is an intelligent AI dash camera designed to enhance fleet safety, driver accountability, and operational visibility. Featuring dedicated dual cameras for ADAS and DMS, it simultaneously monitors road conditions and driver behavior, detecting fatigue, distraction, mobile phone use, and seatbelt violations while providing real-time voice alerts to reduce accident risks.

Equipped with driver facial recognition and real-time GPS tracking, it enables fleet operators to verify driver identity, improve compliance, and monitor vehicle locations with confidence. Easy to install and supports industry-standard protocols for seamless connectivity with fleet management and video telematics platforms, making it ideal for fleet management, public transportation and cargo logistics.

Applications:



Fleet Management



Public Transportation



Cargo Deliveries



School Bus

General

Operating System	Linux
Dimensions	133 * 78 * 62 mm
Weight	543g
Color	Black
Power Supply	9-36VDC
Power Lost Protection	Super capacitor provides 10-15s of safe power backup (Optional)
Operating Temperature	-20 ~ +70 °C
Operating Humidity	10%-90% Non-condensing

Hardware

CPU	Dual-Core processor@1.2GHz, 1T NPU
RAM	2Gb DDR3
External Storage	1*Micro SD card, max. 1TB
G-Sensor	3 Axis Accelerometer
GNSS	Multiple Positioning Mode
SIM Card	Nano SIM
LED	Red(Record), Yellow(Network), Green(GNSS)
I/O	ACC * 1, SOS * 1, Relay * 1, RS232 * 1, Digital Input * 1
Reset Button	Support
Wi-Fi Switch	Support

AI Events

ADAS	FCW, HMW, LDW, PCW
DMS	Eye Close, Yawning, Distraction, Smoking, Phone Use, Driver Ab-normal, IR Blocking, Seatbelt Unfastend, Driver Face Recognition
BSD	Front, Left, Right and Back Blind Spot Detection (Optional)

Network

Cellular	LTE Cat1 or LTE Cat 4 + WCDMA +GSM	
Frequency Bands	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39 /B40/B41	CN, IN (Cat 1)
	LTE-FDD: B1/B3/B5/B7 /B8/B20/B28	EMEA (Cat 1)
	LTE-FDD: B1/B3/B5/B7 /B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8	EMEA (Cat 4)
	LTE-FDD: B2/B3/B4/B5 /B7/B8/B28/B66	LATAM (Cat 1)
	LTE-FDD: B1/B2/B3/B4 /B5/B7/B8/B28/B66 LTE-TDD: B40 WCDMA: B1/B2/B4/B5 /B8 GSM: B2/B3/B5/B8	LATAM (Cat 4)
Wi-Fi	802.11b/g/n 2.4G, supports AP & station mode	
Protocol	JT/T 808-2013, JT/T 808-2019 JT/T1078-2016, T/JSATL12–2017	

Video/Audio

Channels	Built-in 2CH * 1080P, External 2CH * 1080P	
Video Encoding	H.264	
Audio Encoding	AAC/G.711A	
Frame Rate	25 FPS	
Microphone	Built-in	
Speaker	Built-in, 1.5 Watts	
Image Sensor	ADAS: 1/2.9", 2 MP CMOS Sensor DMS: 1/2.9", 2 MP CMOS Sensor	
Lens	ADAS: 115° FOV, 2G2P, F2.0 Aperture DMS: 138° FOV, 2G2P, F1.7 Aperture	
Recording Quality	Main and Sub Stream, Adjustable Resolution	
Recording Mode	ACC ON Recording, Time Lapse Recording, Event Recording	
Audio Control	Enable / Mute	
Voice Volume	Mute / Low / Medium / High	
Video Format	TS, MP4	
Image Format	JPG	