

- High Performance AI Chipset
- Up to 3 Video HD Channels
- Built-in ADAS + DMS Cameras
- Easy installation
- Multi-Platform Connection

AT603N

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
- Built-in Mic and Speaker
- Wi-Fi with AP & Station Mode
- Parking Monitor
- OTA Firmware Update
- Remote Engine Cut-off (Optional)
- Panic Button (Optional)
- Extended RS232 Sensors (Optional)



The AT603N is a cost-effective AI dash camera with built-in ADAS and DMS cameras to enhance driver safety and fleet operations. Powered by advanced AI algorithms, it detects fatigue, distraction, mobile phone use, and seat belt violations, providing real-time voice alerts to help reduce accidents.

Designed for easy deployment, the AT603N features independently adjustable forward-facing and driver-facing cameras and supports an optional external camera, panic button, and engine immobilizer relay. It complies with industry-standard protocols for seamless integration with fleet management and video surveillance platforms, making it ideal for ride-hailing, taxi, logistics, and commercial fleet applications.

Applications:



Fleet Management



Cargo Deliveries



Automobile Insurance



Taxi & Ride Hailing

General

Operating System	Linux
Dimensions	66 * 88 * 98 mm
Weight	357g
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, 0.5T NPU
RAM	1Gb DDR3L
External Storage	1*Micro SD card, max. 512GB
G-Sensor	3 Axis Accelerometer
GNSS	Multiple Positioning Mode
SIM Card	Nano SIM
LED	Purple/Blue/Red(Record), Yellow (Network), Green(GNSS)
I/O	ACC * 1, SOS * 1 (Optional), Relay * 1 (Optional), RS232 * 1 (Optional)
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
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 1CH * 1080P / 720P (Optional)	
Video Encoding	H.264	
Audio Encoding	AAC/G.711A	
Frame Rate	25 FPS	
Microphone	Built-in	
Speaker	Built-in, 1.1 Watts	
Image Sensor	ADAS: 1/2.9", 2 MP CMOS Sensor DMS: 1/2.9", 2 MP CMOS Sensor	
Lens	ADAS: 120° FOV, 2G2P, F2.0 Aperture DMS: 110° FOV, 2G2P, F2.0 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	