



Techealth Apex Private Limited

New Delhi, India

EE401 AI Built-in Dashcam

Features

- AI-powered driver assistance
- Wide-angle lens for broad view
- Built-in GPS for location tracking
- Night vision for low-light use
- Loop recording and incident saving
- Integrated Wi-Fi for file transfer
- Mobile app support for remote access
- Emergency SOS button for quick alerts
- Voice control for hands-free operation
- Dual-channel recording (front and rear cameras)
- Cloud storage options for video backup



EE401 AI Built-in Dashcam Specifications

SPECIFICATIONS	
Operation system	Linux
CPU	Dual-core CPU+NPU@1.0T
Memory	DDR 2Gb+ TF card (Max.512G)
GNSS	GPS+BDS(with external G-mouse)
G-sensor	3-axis acceleration sensor
Speaker, Mic and USB	Yes
Sim card	Micro SIM
LED	Red(Power), Green(Internet & video recording)

Network	
Cellular	LTE + WCDMA + GSM
Bands	FDD LTE: B1/B3/B5/B7/B8/B20/B28
	TDD LTE: B38/B40/B41
	WCDMA: B1/B5/B8
	GSM: 850/900/1800/1900MHz
	FDD LTE: B2/B3/B4/B5/B7/B12/B18
	TDD LTE: B38/B41
	WCDMA: B2/B4/B5
	GSM: 850/900/1800/1900MHz

WIFI	2.4GHz, 802.11 b/g/n
Protocol	JT/T808-2011, JT/T808-2019
	JT/T1076-2016, JT/T1078-2016
Front	1080P ADADS
Rear	720P IR night vision DMS
External 1	720P HD BSD
External 2	720P HD
Video encoding	H.264/H.265, default H.264
Video resolution	Options:1080P/720P/D1
	Total 1080P at 100 fps

EE401 AI Built-in Dashcam Specifications

Specification	Details
Video Resolution	1080P (Full HD)
Front Camera	AHD, 1920 x 1080 pixels
Back Camera	AHD, 720P
Viewing Angle	140° (front), 120° (rear)
Frame Rate	30 fps
AI Features	Lane departure warning, collision detection
G-Sensor	Built-in for incident detection
Night Vision	Yes, for enhanced low-light performance
GPS	Built-in GPS module
Audio Recording	Yes, with built-in microphone
Storage Support	TF card up to 256 GB
Power Supply	12V aux socket or 5V USB

EE202L AI Built-in Dashcam

Features

- 4G for fast uploads of photos, videos, and GPS data.
- Dual dash cam with 1080P + 1080P at 30fps.
- 1080P HD video with audio monitoring.
- Supports TF card up to 512GB; H.264/H.265 encoding.
- Connects sensors and emergency alarm button via RS232.
- App and platform support for video preview and settings.



EE202L AI Built-in Dashcam Specifications

SPECIFICATIONS	Details
Operation system	Linux
CPU	Dual-core CPU+NPU@1.0T
Memory	DDR 2Gb+ TF card (Max.512GB)
GNSS	GPS+BDS(with external G-mouse)
G-sensor	3-axis acceleration sensor
Speaker Mic and USB	Yes
LED	Red(Power), Green(Internet & video recording)
I/O ports	2 digital inputs,1 RS232

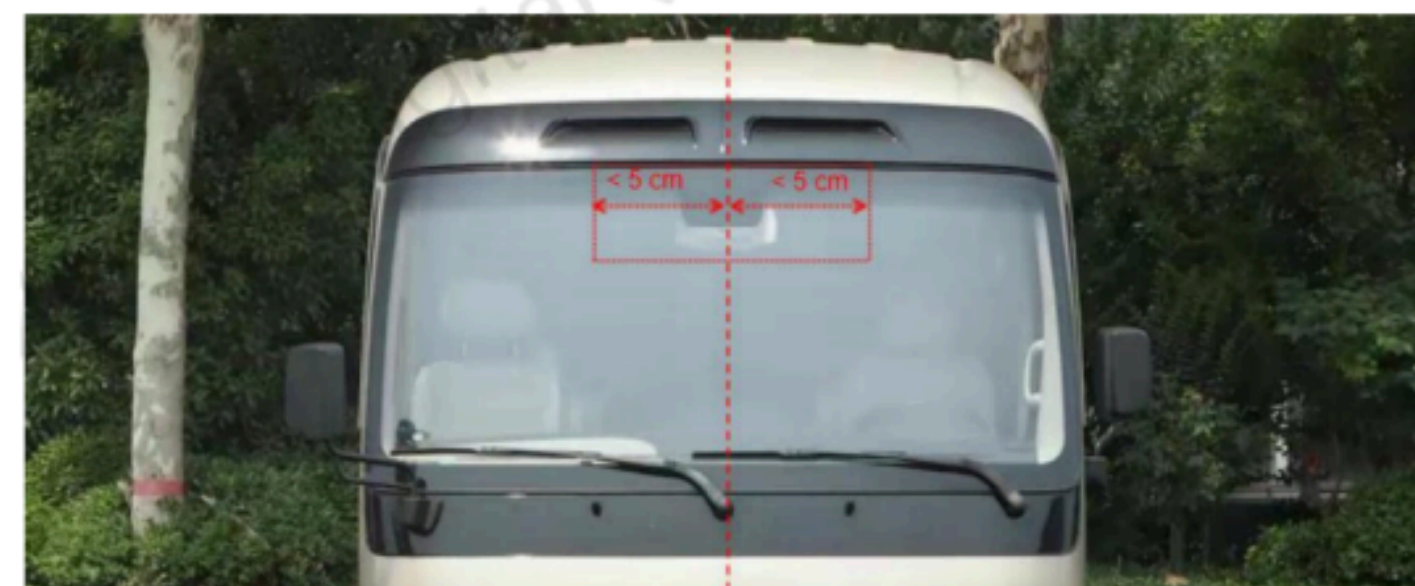
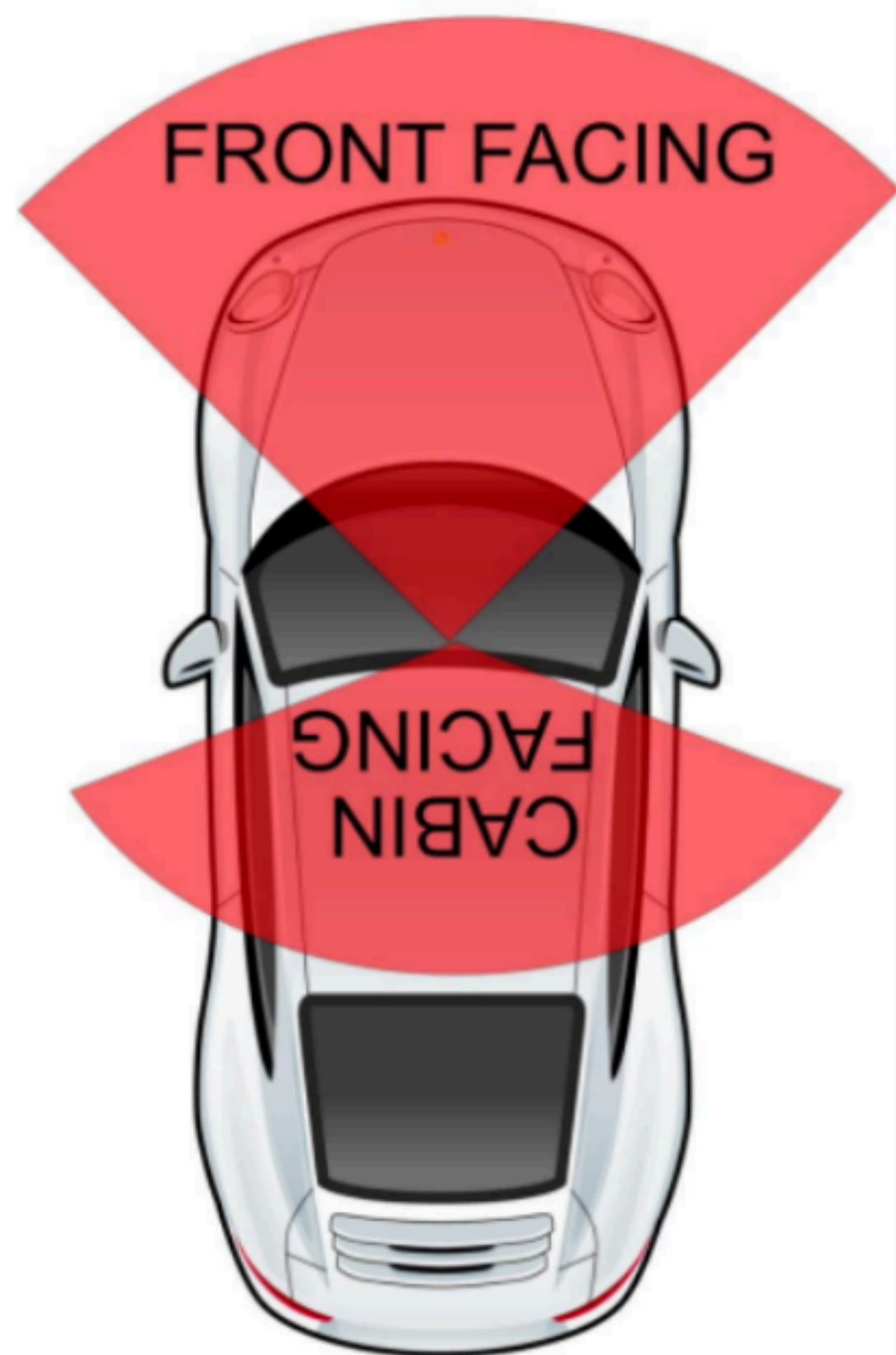
Network	
Cellular	LTE Cat.1
Bands	FDD LTE: B1/B3/B5/B8
	TDD LTE: B34/B38/B39/B40/B41
WIFI	2.4GHz, 802.11 b/g/n
Protocol	JT/T808-2011, JT/T808-2019
	JT/T1076-2016, JT/T1078-2016

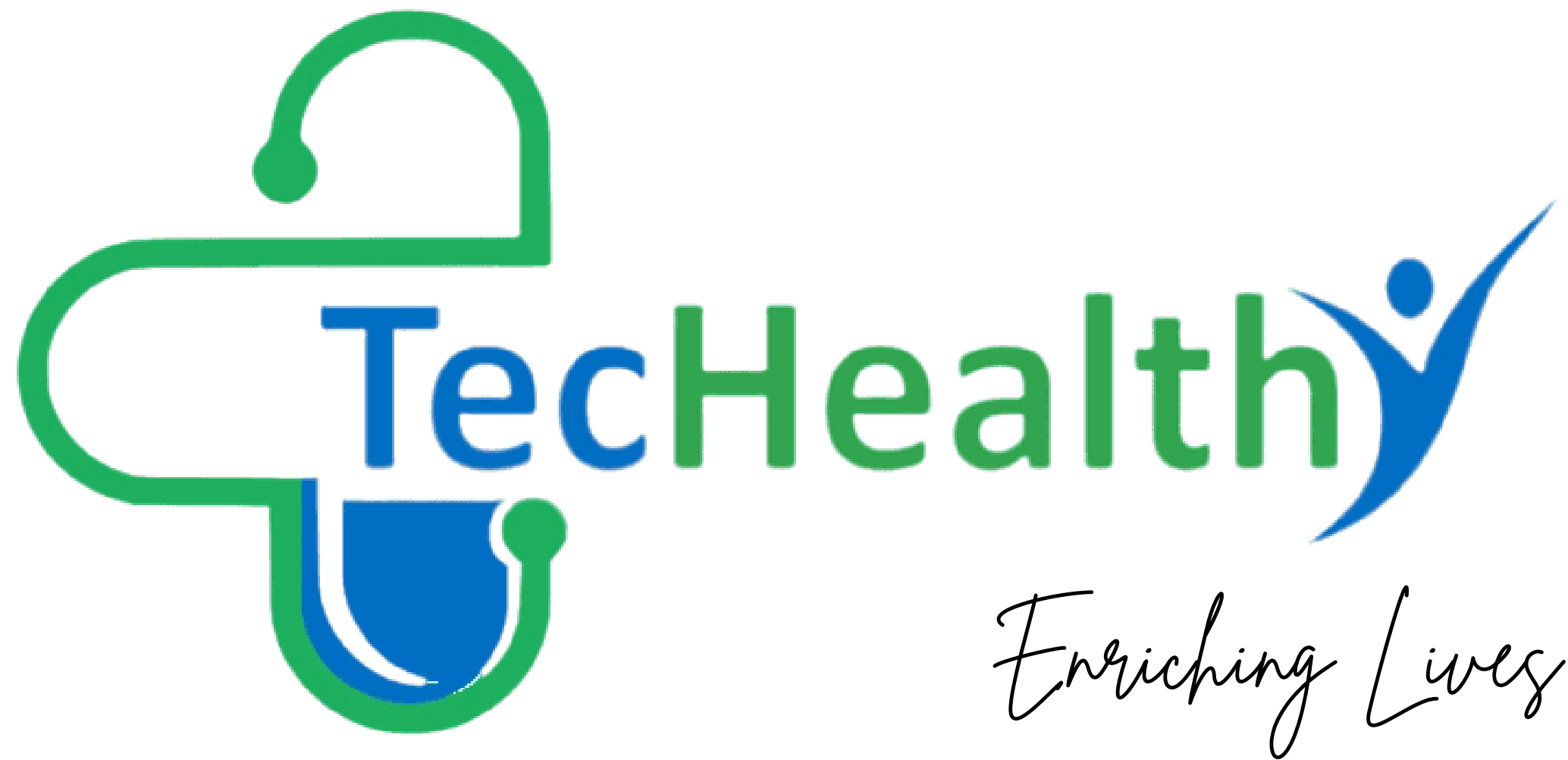
Cameras	
Front	1080P ADAS
Cabin	1080P IR night vision DMS
Video encoding	H.264/H.265, default H.264
Video standards	PAL, NTSC
Video resolution	Options:1080P/720P/D1
	Total 1080P at 60 fps
Compression format	G.711A

SERVICES

- **Real-time vehicle tracking**
- **Driver behaviour analysis**
- **Live driver and vehicle monitoring**
- **Crash detection and emergency alert system**
- **Over-speeding notifications**
- **Geo-fencing alerts**
- **Remote vehicle control (Ignition on/off)**
- **Voice assistance for drivers**
- **Ride playback for event review**
- **Event Based Recording**







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