



Techealth Apex Private Limited

New Delhi, India



**DASH
CAMERAS
4G
DEVICES**

DashCam for Video Telematics *Features*

- Front camera: AHD, 1080P, 118° angle
- Back camera: AHD, 720P, 100° angle
- Built-in mic and speaker
- Supports TF card up to 256 GB
- ACC ignition detection
- Relay, immobilization, and remote cut-off features
- SOS button for emergencies
- Supply voltage: DC 9-30V
- External 450 mAh battery for emergencies
- Online live streaming capability



DashCam for Video Telematics Specifications

Specification	Details
Video Resolution	1080P (Full HD)
Camera Type	Front and rear cameras
Viewing Angle	[e.g., 120° - 170°]
G-Sensor	Built-in for incident detection
Audio Recording	Configurable in-cab audio
Night Vision	Built-in for low-light clarity
GPS	External GPS antenna
Storage	Supports TF card up to [e.g., 256 GB]
Power Supply	12V aux socket or 5V USB
Mounting Type	Adhesive mounting plate
Connectivity	Wi-Fi, mobile app support
Live Streaming	Yes

DC4 DashCam

Features

- Plugs into 12V aux socket or 5V USB socket
- Hardwiring kit sold separately (DC-4-HWKIT)
- Gesture sensor for capturing photos with a simple motion
- Configurable in-cab audio recording
- Built-in G-sensor to save impact/incident footage
- Night vision for improved clarity in low light
- External GPS antenna for location tracking
- Adhesive mounting plate for easy dash cam removal



DC4 Dashcam Specifications

Specification	Details
Video Resolution	1080P (Full HD)
Front Camera	AHD, 1920 x 1080 pixels
Back Camera	AHD, 1280 x 720 pixels
Viewing Angle	118° (front), 100° (rear)
Frame Rate	30 fps
G-Sensor	Built-in for incident detection
Audio Recording	Configurable in-cab audio
Night Vision	Enhanced low-light performance
GPS	External GPS antenna
Storage Support	TF card up to 256 GB
Power Supply	12V aux socket or 5V USB
Mounting Type	Adhesive mounting plate

DC5 Dashcam

Features

- Two-channel 1080P real-time HD video recording
- TF card video storage support
- 4G CAT1 for high-definition live broadcast and playback
- GPS + BD dual-mode real-time positioning
- Indoor smart infrared night vision
- H.265/H.264 HD encoding (default H.265)
- Emergency video upload capability
- Built-in MIC for audio collection
- SOS alarm with customizable triggers
- External RS232 serial port for additional connectivity



DC5 Dashcam Specifications

SPECIFICATIONS	Details	
Power	Power input	9-36V
	Backup battery	3.2V/400MAH
	Normal power consumption	220mA/12V
	Sleep power consumption	5mA/12V
Main processor (positioning, online)	Operating system	RTOS
	Flash	Nor flash 4MB (Total 600 Pieces blind data, 300 pieces for each IP)
	CPU	EC618 Cortex-M3 clocked at 204M
	DDR	1MB
Slave processor (video)	Operating system	Linux
	Flash	Nor flash 16MB
	CPU	HC1723 ARM Cotex A7 1.2G
	DDR	DDR 128MB

Lens (Integrated front and rear dual cameras)	Sensor	2-channel SC2336 200W CMOS
	Lens	2-channel, outside the car 3.6MM 1G3P; inside the car 2.8MM 1G3P
	Infrared	The in-car camera supports infrared fill light and uses a dual-pass lens
Interface	External storage	TF card, supports up to 256GB
	Serial port	RS232
	IO port	IO reserved 1 high and 1 low
	SIM card	Micro SIM
	Panic Button	Emergency alarm (SOS)
Video	Video encoding standards	H.265/H264
	Video bitrate	Main stream: 1.5Mbps; Sub-stream: 0.512Mbps
	Video frame rate	Main stream: 1080P@25fps; Sub-stream: 540P@12fps
Audio	Audio output	Speaker 8 ohm 2W
	Audio input	MIC in

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

DashCam with ADAS and DMS

Features

- 4G SIM-based standalone IRD with 3MP resolution and 20m range
- Supports SD card storage up to 256GB
- Hotspot connection for viewing and playback without internet
- Optional cloud storage support
- Full duplex audio communication
- Built-in high-sensitivity speaker and microphone
- Intelligent human detection algorithm for effective alerts
- Area movement detection capability
- ONVIF compatibility for use with all NVRs



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

Dome Camera for Security Monitoring

Features

- High-definition video recording (1080P or higher)
- Infrared night vision for low-light environments
- Wide viewing angle for expansive coverage
- Weatherproof design (IP66 or IP67) for outdoor use
- Motion detection with real-time alerts
- Two-way audio communication (optional)
- Remote access via mobile app or web interface
- ONVIF compatibility for integration with various NVRs
- SD card support for local storage (up to 256GB or more)



Dome Camera for Security Monitoring Specifications

Specification	Details
Camera Type	Dome camera
Resolution	1080P (Full HD) or 4MP
Lens Type	Varifocal or fixed lens
Weather Rating	IP66 or IP67 (weatherproof)
Connectivity	Wired (Ethernet) or wireless
Power Supply	PoE (Power over Ethernet) or DC
Storage	SD card support up to [e.g., 256GB] or cloud storage
Audio Support	Built-in mic (optional)
Motion Detection	Yes, with alerts
ONVIF Compatibility	Yes
Operating Temperature	-20°C to 60°C

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



**FUEL
SENSOR**

LLS4 Digital Omnicom

Features

- Provides real-time fuel level measurements
- High accuracy for reliable readings
- Multiple output options for integration with various systems
- Wide operating temperature range for versatile applications
- Durable construction for long-term use in harsh environments
- Easy installation with user-friendly design
- Low maintenance requirements
- Compatible with various fuel types



LLS4 Digital Omnicom Specifications

Specifications	Details
Model	LLS4 Digital Omnicom Fuel Sensor
Measurement Range	0 to 1000 liters (or custom range)
Accuracy	± 0.5% of full scale
Power Supply	12-24 V DC / 110-240 V AC
Operating Temperature	-20°C to +60°C
Dimensions	250 mm x 50 mm (length x diameter)
Weight	1.5 kg
Calibration	Digital calibration via software
Protection Class	IP67
Sensor Type	Capacitive / Ultrasonic
Warranty	2 years

Escort BT Sensor

Features

- Real-time fuel quality and level monitoring
- High sensitivity for detecting small changes
- Temperature compensation for accurate readings
- Durable design for harsh environments
- User-friendly interface for easy operation
- Data logging for historical analysis
- Alarm alerts for abnormal conditions
- Compatible with diesel, gasoline, and more
- Low power consumption
- Remote monitoring and IoT integration support



Escort BT Sensor Specifications

Specifications	Details
Measurement Range	0-100% (varies by parameter)
Accuracy	±0.5%
Operating Temperature	-40°C to +85°C
Power Supply	9-30 V DC
Output Signal	4-20 mA, RS-485, Modbus
Dimensions	100mm x 50mm x 30mm
Weight	300g
Ingress Protection	IP67
Calibration	Factory calibrated; field adjustable
Response Time	< 2 seconds
Communication Protocols	Modbus, CAN, RS-232

Analog LLS-AF4 Sensor

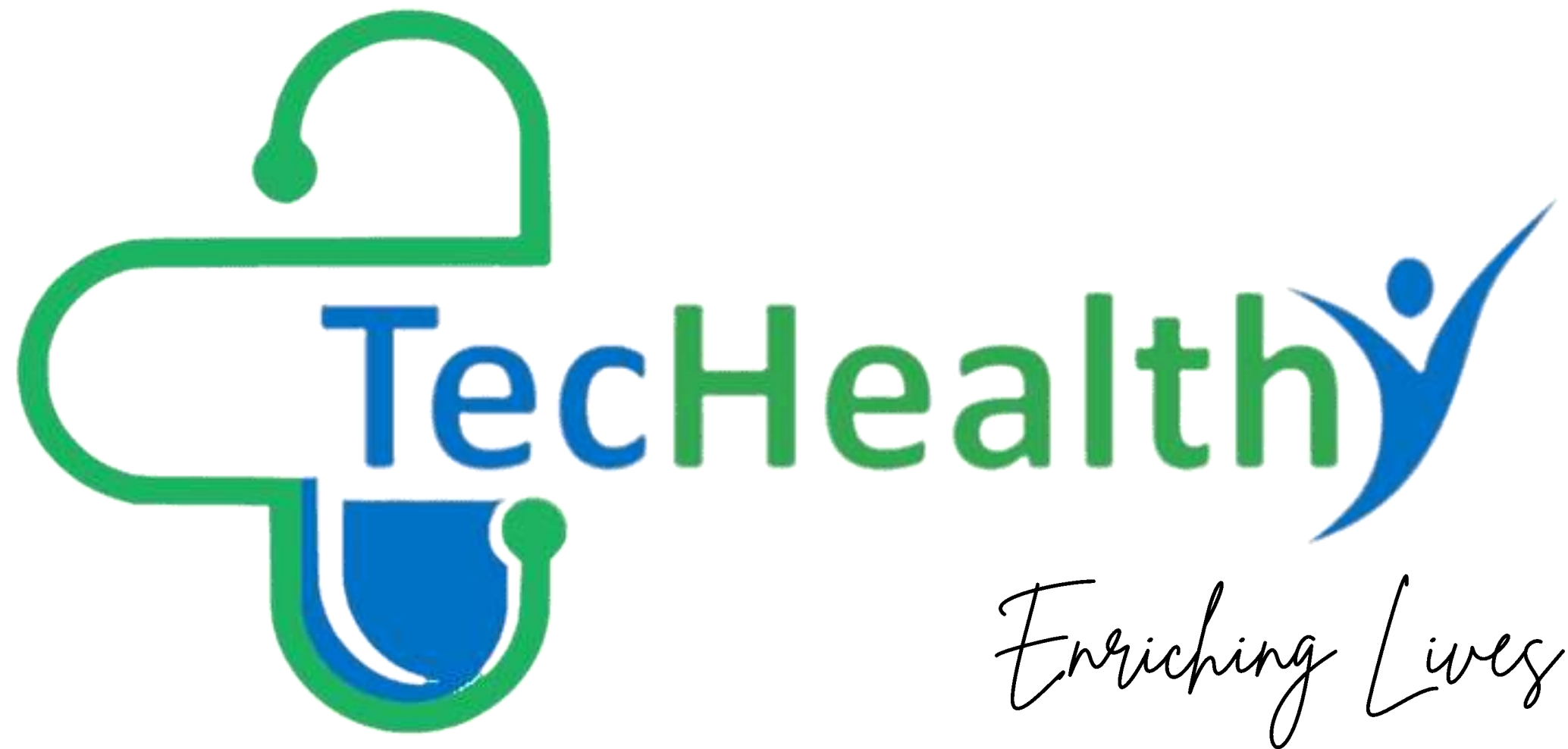
Features

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- Compatible with diesel, gasoline, and more
- Low power consumption
- Remote monitoring and IoT integration support



Analog LLS-AF4 Sensor Specifications

Specification	Details
Model Name	LLS-AF4
Input Voltage	10-30 V DC
Output Signal	4-20 mA or 0-10 V
Measurement Range	0-100% (varies by application)
Accuracy	±0.2% of full scale
Response Time	< 1 second
Operating Temperature	-40°C to +85°C
Ingress Protection	IP67
Dimensions	120mm x 80mm x 60mm
Weight	500g
Communication Protocols	RS-485, Modbus
Calibration	User-configurable



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