



PT. EDBOW TEHNIK INDONESIA

IOT & AUTOMATION SOLUTION

EDBOW TEHNIK INDONESIA

Product Catalog





About us

PT Edbow Teknik Indonesia berdiri pada tanggal 7 Februari 2022, merupakan transformasi dari kerja tim yang terbentuk sejak 2017 sebagai wadah legalitas untuk maju dan berkembang Bersama.

Dengan semangat, tekad dan niat baik ditunjang oleh dedikasi, mentalitas profesionalisme dan inovasi kreativitas, PT Edbow Teknik Indonesia berusaha menjawab tantangan masyarakat akan kebutuhan teknologi dengan kualitas terbaik dan menjangkau seluruh lapisan masyarakat tanpa adanya ketakutan akan perubahan pola hidup oleh gerusan kebutuhan dan persaingan bebas.

VISI

Menjadipengembang kreativitas lokal dengan menjaga pelayananmaksimal kepada konsumen.

MISI

Mencari informasi, merancang, membuat, mengembangkan, menyempurnakan dan memasyarakatkan produk hasil kreasi dalam negeri, serta membangun manajemen yang professional sebagai pendukung pelayanan terhadap konsumen.



GPS TRACKING SYSTEM AND NETWORKS

Vehicle tracking system with IoT integration and direct reporting to the dashboard.



FMB130

Description :

Module

Technology : GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS : GPS , GLONASS, GALILEO, BEDOU, QZSS, AGPS

RECEIVER :

33 TRACKING CHANNELS

99 ACQUISITION CHANNELS

TRACKING SENSITIVITY -165 dBm

POSITION ACCURACY <2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1s

Warm start < 25 s

Cold start < 35 s

Technology GSM

2G bands Quad-band 850 / 900 / 1800 / 1900 MHz

Data transfer

GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B

Data support

SMS (text/data)



FMC130

Description :

Module

LTE(Cat1)/2G(GSM/GPRS)/GNSS/BLUETOOTH® LE

GNSS

GNSS : GPS, GLONASS, GALILEO, BEIDOU, QZSS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1s

Warm start < 25 s

Cold start < 35 s

Technology LTE Cat 1, GSM

Data transfer

LTE:LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL)

LTE TDD: Max 8Mbps (DL)/Max 2Mbps (UL)

GSM:GPRS: Max 85.6Kbps (DL)/Max 85.6Kbps (UL)

Data support SMS (text/data)

GPS TRACKING SYSTEM AND NETWORKS

Vehicle tracking system with IoT integration and direct reporting to the dashboard.



FMB125

Description :

Technology

GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS

GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Technology GSM

2G bands

Quad-band 850 / 900 / 1800 / 1900 MHz

Data transfer

GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B

Data support

SMS (text/data)



FMC125

Description :

Technology

LTE CAT1/GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS

GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Technology LTE CAT 1, GSM

GPS TRACKING SYSTEM AND NETWORKS

Vehicle tracking system with IoT integration and direct reporting to the dashboard.



FMB910

Description :

Technology

GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS : GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy

< 0.1 m/s (within +/- 15% error)

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Technology

GSM

2G bands Quad-band 850 / 900 / 1800 / 1900 MHz

Data transfer

GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B

Data support

SMS (text/data)



FMC920

Description :

Technology LTE Cat 1/GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS: GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Technology LTE Cat 1, GSM

Data transfer

LTE: LTE FDD : Max 10Mbps (DL)/Max 5Mbps (UL)

LTE TDD: Max 85.6 Mbps (DL)/Max 85.6 Mbps (UL)

GSM: GPRS: Max 85.6Kbps (DL)/ Max 85.6Kbps (UL)

Data support

SMS (TEXT, PDU), Network protocols (TCP, UDP, TLS, MQTT)

GPS TRACKING SYSTEM AND NETWORKS

Vehicle tracking system with IoT integration and direct reporting to the dashboard.



FMB920

Description :

Technology : GSM/GPRS/GNSS/BLUETOOTH® LE

GNSS : GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver

33 tracking channels

99 acquisition channels

Tracking sensitivity -165 dBm

Position Accuracy < 2.5 m CEP

Velocity Accuracy < 0.1 m/s (within +/- 15% error)

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Technology GSM

2G bands

Quad-band 850 / 900 / 1800 / 1900 MHz

Data transfer

GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B

Data support

SMS (text/data)



RUT956

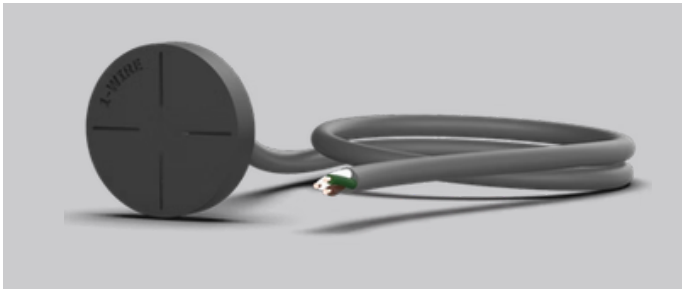
Description :

The Teltonika RUT956 is a robust and versatile 4G LTE industrial router designed for stable internet connectivity in IoT and M2M applications in industrial environments. This router supports dual SIM, GNSS (GPS), Wi-Fi, and Ethernet ports, and is equipped with flexible RS232, RS485, and digital I/O interfaces. Running on the RutOS operating system, the RUT956 supports features such as VPN, firewall, remote management (FOTA, RMS), and connection failover, making it ideal for industrial automation, vehicle monitoring systems, and reliable and secure long-distance communication.



ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.

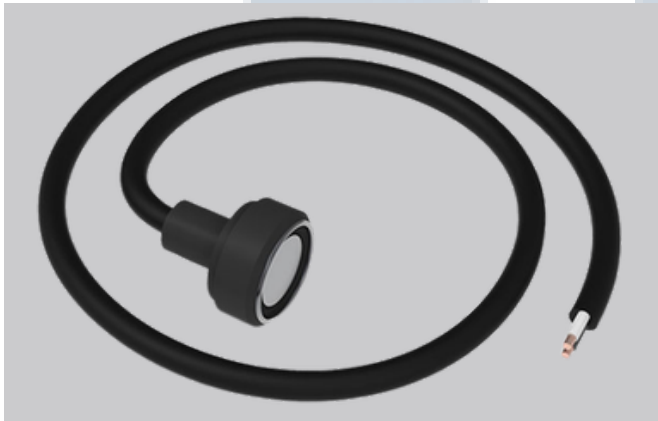


RFID READER

Description

1-WIRE RFID reader + accessories for fleet management devices that use 1-Wire technology.

Two types of RFID cards are available, namely 125 kHz and 13.56 MHz.



IBUTTON READER

Description

One of the implemented features for fleet management devices is 1-Wire data protocol, which can be used for iButton reading. It is the most straight-forward way to implement driver authorization in your vehicles.



TEMPERATURE SENSOR

Description

One of the implemented features for fleet management devices is a 1-Wire data protocol, which enables the connection of temperature sensors. It is a perfect accessory for temperature monitoring.



ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



FUEL LEVEL TD-150

Description

(3 in 1: analog, digital (RS-485), frequency interfaces)

It is possible to extend sensors using collet connections up to 6000 mm



FUEL LEVEL TD-BLE

Description

Sensor is working through BLE protocol, it is possible to extend sensors using collet connections up to 6000 mm



TILT ANGLE SENSOR

Description

Wireless tilt angle sensor 'Escort DU-BLE' is designed to measure the angle at which certain parts of the heavy machinery units tilt and thus help you monitor their activity. Advantages of the wireless sensor 'Escort DU-BLE' compared to the wired ones:

- wireless data transmission via Bluetooth connection under 'Escort BLE Protocol';
- easy and quick to install - no need to worry about cabling;
- easy configuration and tuning via Escort mobile app;
- new work mode - Rotation (horizontal and vertical)



ACCESORIES

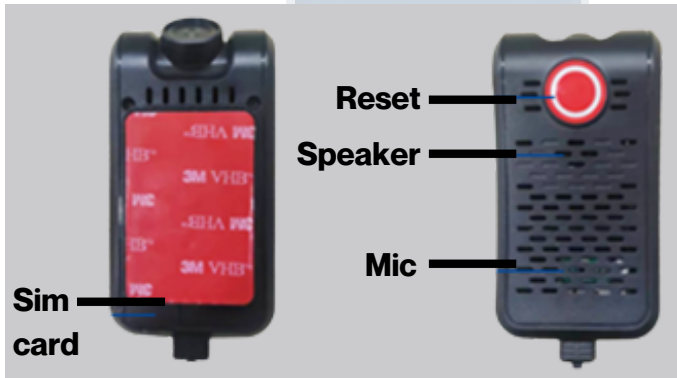
Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



DASHCAM EH13-P

Description

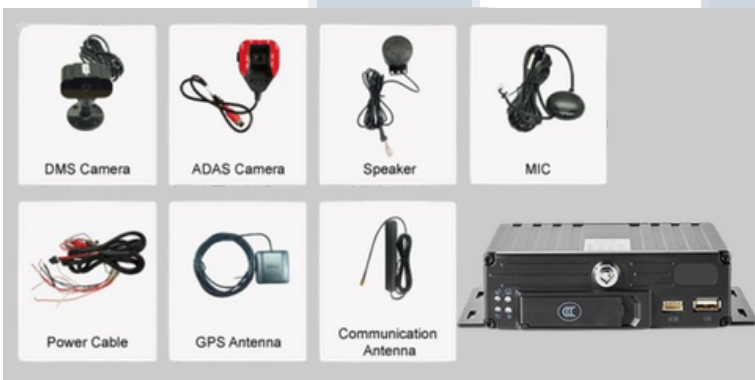
EH13-P is a driving recorder that integrates the vehicle camera into the host computer. It is easy to install and supports dual-channel 1080P real-time HD video recording and 4G CAT.1 full-network HD live playback.



4G DASH CAMERA HW-GH11

Description

- 4G LTE real-time networked dashcam supports real-time satellite positioning and real-time video recording
- .1 Channel CAMERA 1920*1080.



ED02R MDVR

Description

BSJ ED02R is a powerful MDVR solution designed to enhance road safety and improve fleet efficiency. It offers high-definition 4-channel video recording, real-time uploads, and AI-driven safety features such as ADAS, DMS, and BSD. Built for fleets, it prioritizes efficient operations and reliable oversight for real-time monitoring and compliance.



- 4-Channel 1080P Video Recording
- Advanced Driver Assistance Systems
- Driver Monitoring System
- Blind Spot Detection
- 2*Micro SD Card (512G)



ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



ED08R MDVR

Description

The ED08R is a powerful MDVR solution designed to enhance road safety and improve fleet efficiency. It offers high-definition 8-channel video recording, real-time uploads, and AI-driven safety features such as ADAS, DMS, and BSD. Built for fleets, it prioritizes efficient operations and reliable oversight for real-time monitoring and compliance.

- 8-Channel 1080P Video Recording
- Advanced Driver Assistance Systems
- Driver Monitoring System
- Blind Spot Detection
- 1*Micro SD Card(512G) + 1*Hard Disk(2TB)



MC904

Description

4-CH 1080P SD card MDVR.

- 4-CH Real-Time Recording
- Multiplex input and output
- Built-in ADAS, DMS & BSD
- 2*512G SD Card
- Built-in WIFI
- H.265/H.264 encode

ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



MC908

Description

8-CH 1080P MDVR

- 8-CH Camera
- Multiplex input and output
- Built-in WIFI
- Built-in ADAS, DMS & BSD
- 512G SD Card and 4T Hard Drive
- H.265/H.264 encode



GL002

Description

1-channel 2K dashcam

- 135 degree ultra wide angle
- Built-in WIFI for Video View on APP
- Support motion detection
- Realible witness for accident
- Support up to 128GB MicroSD card
- Easy to install



GL003

Description

160° ultra wide angle 1080P Dashcam

- 160 degree ultra wide angle
- Built-in WIFI for Video View on APP
- Support temp-park motion record
- Realible witness for accident
- Support up to 256GB MicroSD card
- Support video lockup



ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



GL205

Description

2-channel 2K Dashcam

- 2 channel 2K full HD dashcam
- Built-in WIFI for video view on APP
- Support motion detection
- 1.47 inch IPS screen
- Support up to 128GB MicroSD card



GL302

Description

3-channel 2.7K dashcam

- Built-in WIFI for Video View on APP
- Support motion detection
- 3.69 inch IPS screen
- Support up to 128GB MicroSD card



GL218

Description

2-channel 2K Dashcam

- 150degree ultra wide angle
- Built-in WIFI for video view on APP
- Support Temp-park motion record
- Realible witness for accident
- Support up to 256GB MicroSD card

ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



MC202N

Description

4G AI Dashcam

- Built-in*2CH , no external
- 4G LTE CAT1
- 2*1080P ADAS+DMS
- WIFI configuration
- WIFI hotspot
- 3-Axis G-sensor
- 1*512G TF
- 1* SOS
- Engine cut-off
- Built-in Mic+ Speaker
- 1*RS232
- Low Power Protection
- Power disconnection alarm
-



MC821E

Description

DMS CAMERA

- 1/4"1M pixel CMOS
- Resolution: 720P/1080P AHD
- Minimum illumination: 0.1 lux
- Electronic shutter (auto), white balance (auto)
- D-WDR, Black And Whit Mode
- Lens: 3.6mm (2.8 & 6.0mm optional)
- HFOV 50°
- 12V power supply
- Dashboard installation
- Built-in MIC
-

ACCESORIES

Tracking device accessories in the form of sensors and dashcam solutions for smart fleet management.



MC820E

Description

ADAS CAMERA

- Resolution: 1080P AHD
- Minimum illumination: 0.1 lux
- Electronic shutter (auto), white balance (auto)
- D-WDR, day to night switch
- Lens 6.0mm (2.8 & 3.6mm optional)
- HFOV 52°
- 12V power supply
- Windshield installation



MC807

Description

Mini Wide Angle Dome Camera

- 1/2.9" 2M pixel CMOS
- Resolution: 1080P AHD
- Minimum illumination: 0.1 lux (Color), 0 lux (IR on)
- Electronic shutter (auto), white balance (auto)
- D-WDR, IR night vision
- Lens 2.8mm (2.8 & 3.6 & 6.0mm optional)
- HFOV 105°
- Roof installation
- Built-in MIC



MC813 360° Panoramic View

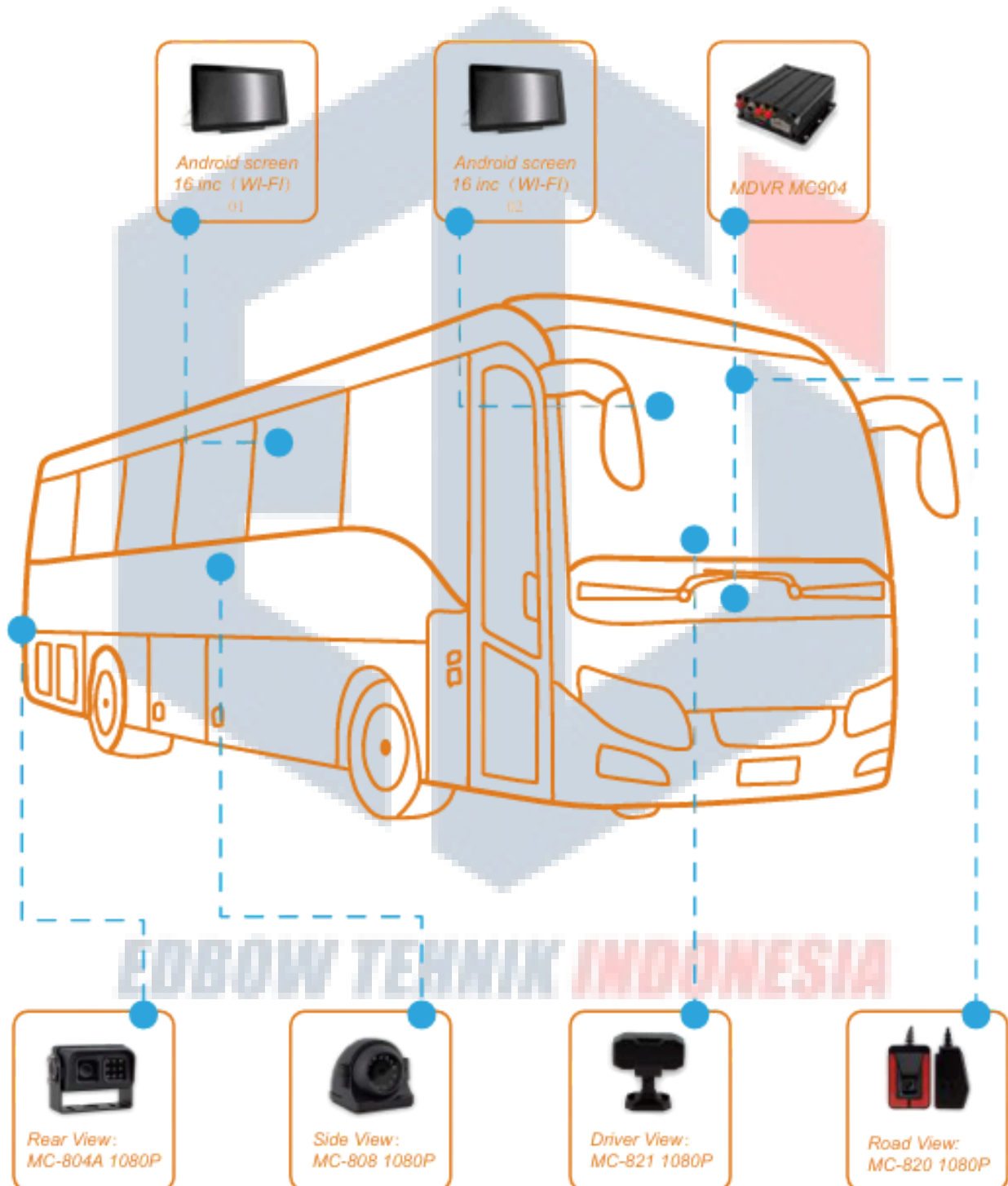
Description

- Resolution: 1080P AHD
- Minimum illumination: 0.1 LUX
- Electronic shutter (auto), white balance (auto)
- D-WDR, Day to Night Switch
- Lens: 1.6mm
- HFOV 210°
- 12V power supply



ACCESORIES

Busessolutionhardwareavailable AT mettaX





AI ALGORITHM- ADAS

Advanced Driver-Assistance System

- Forward Collisions
- Pedestrian detection
- Lane-Changing
- Lane Departure
- Close Driving Distance



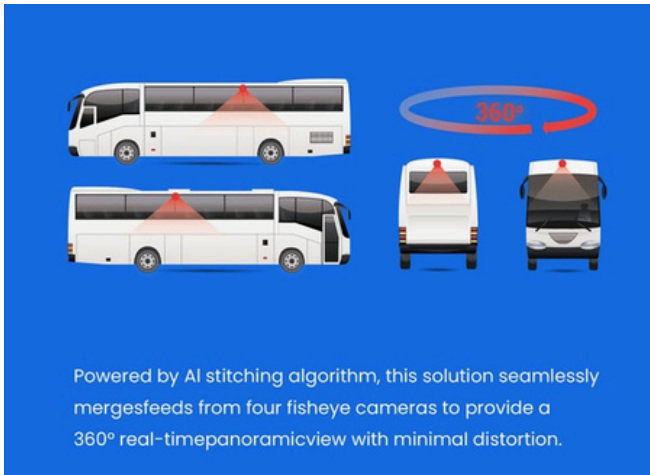
AI ALGORITHM- DMS

Driver Monitoring System

- Camera Cover
- Distraction
- Phone Calls
- Yawning
- Fatigue driving
- Smoking
- Seat-Belt Detection
- FaceID



AI ALGORITHM



360° Panoramic Stitching Solution

- AI Algorithm ensures seamless image stitching
- Ideal for large vehicles or complex environments
- Real-time 360 surround view
- minimal image distortion



Passenger Counting Solution

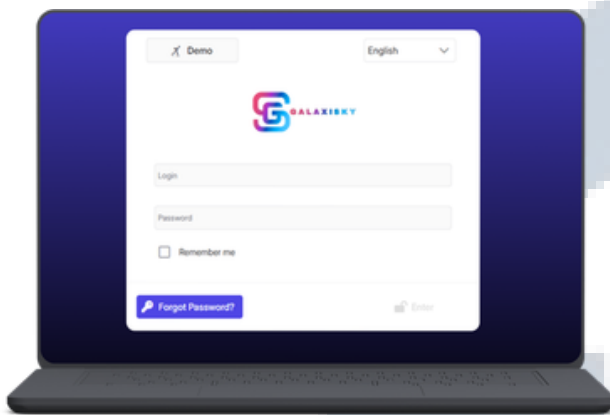
- Depth-Based Background Filtering
- Real-Time in/out passenger counting
- High Accuracy in dense or Low-Light Environments
- Dual-door support with multi-camera setup



PLATFORM

MANAGEMENT TRACKING MONITORING

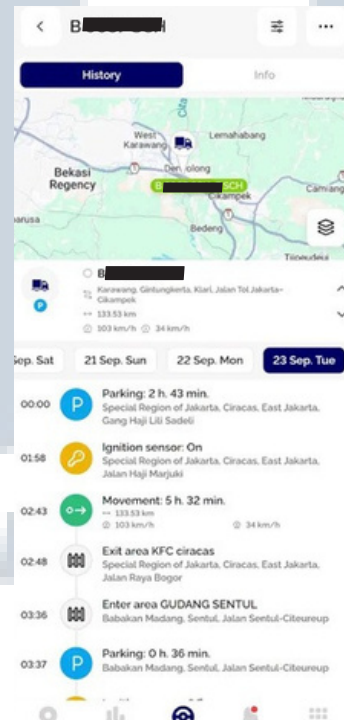
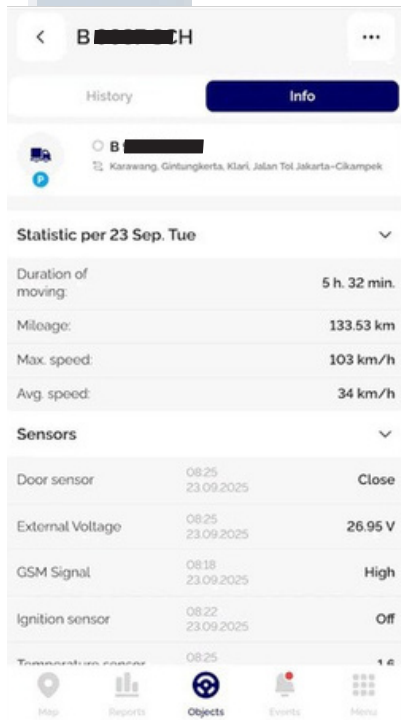
GALAXISKY

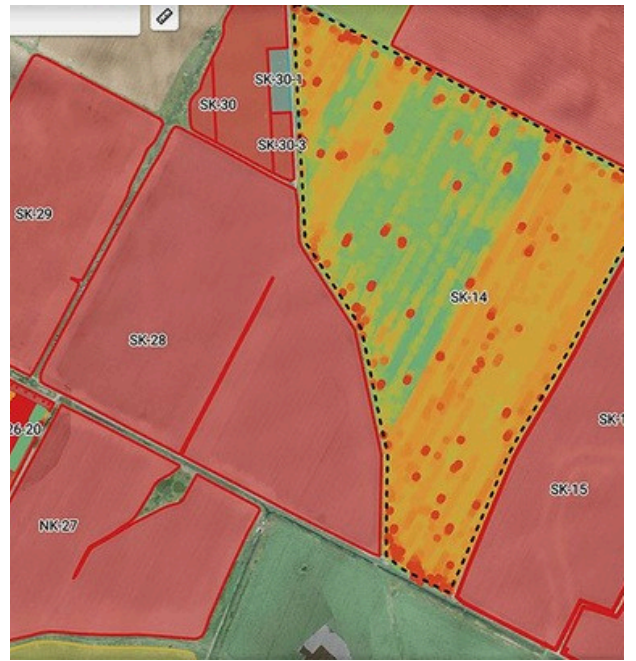


We provide ready-to-use platforms that are easily customizable to fit your business needs. Our services include:

- Platform rebranding aligned with your brand identity
- Platform rental without the need for full development
- Flexible and scalable systems

We help you go digital faster, cost effectively, and professionally.





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Our Customers



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raztel

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