PT. EDBOW TEHNIK INDONESIA

IOT & AUTOMATION SOLUTION

Product
Catalog

About us

PT Edbow Tehnik 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 Tehnik 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

Menjadi pengembang kreativitas lokal dengan menjaga pelayanan maksimal 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 SENSITVITY   -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)

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 < 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 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
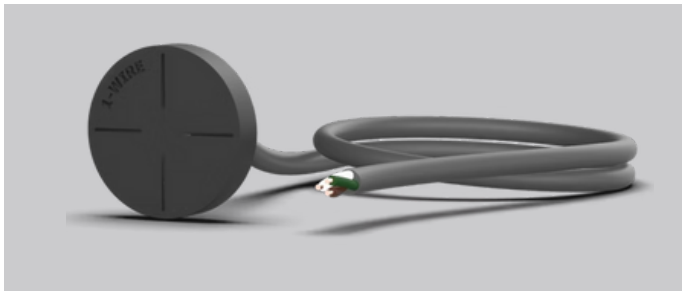**Data support**
SMS (text/data)

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;
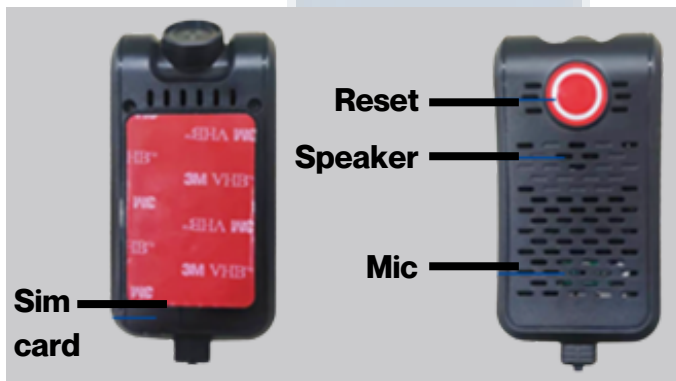- new work mode - Rotation (horizontal and vertical)

ACCESORIES

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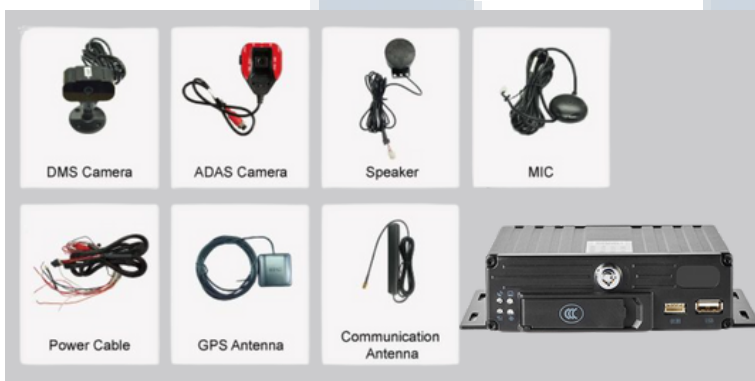

DASHCAM EH13-P

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.

Reset
Speaker
Mic
Sim card

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.

DMS Camera | ADAS Camera | Speaker | MIC
Power Cable | GPS Antenna | Communication Antenna

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

EDBOW TEHNIK INDONESIA

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
- lectronic 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
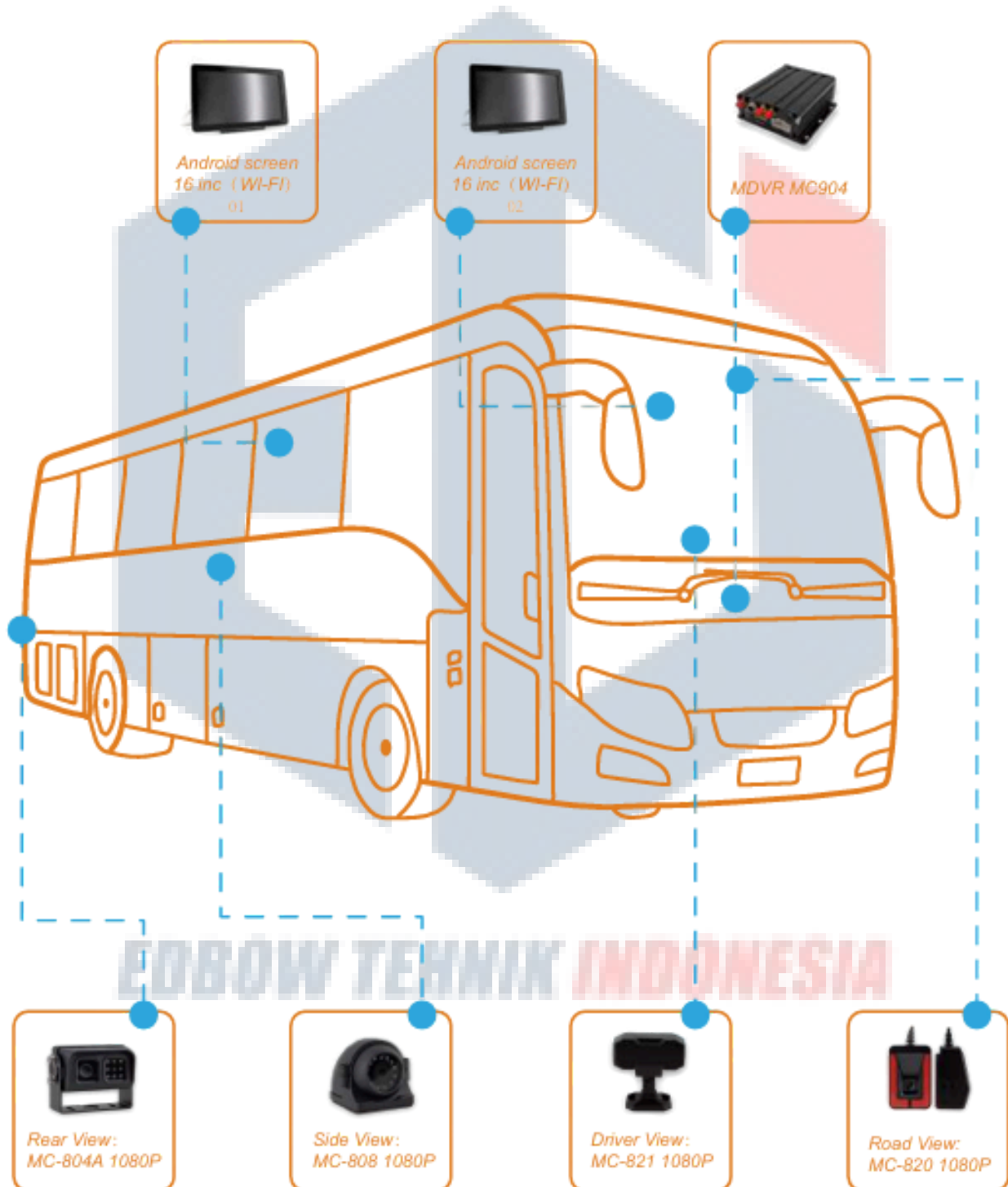- Windshield installation

MC807

Description

Mini Wide Angle Dome Camera
- 1/2.9"2M pixel CMOS
- Resolution: 1080P AHD
- Minimum illumination: 0.1 lux(Color), 0lux(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

ACCESORIES

Buses solution hardware available AT mettaX

Android screen
16 inc （WI-FI)
01

Android screen
16 inc （WI-FI)
02

MDVR MC904

Rear View:
MC-804A 1080P

Side View:
MC-808 1080P

Driver View:
MC-821 1080P

Road View:
MC-820 1080P

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AI ALGORITHM
ADAS AND DMS

AI ALGORITHM-ADAS

Advaced Driver-Assistance System

- Forward Collisions
- Padestrian 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

Powered by AI stitching algorithm, this solution seamlessly mergesfeeds from four fisheye cameras to provide a 360º real-timepanoramicview with minimal distortion.
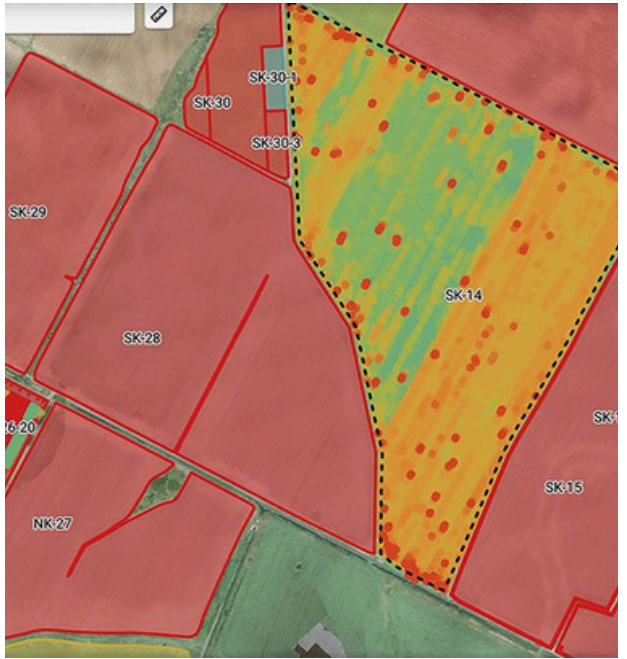

360° Panoramic Stitching Solution

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

AI-powered detection for real-time passenger in/out statistics. Suitable for buses, taxis, and shuttle vans, with high accuracy even under occlusion or in low-light environments.

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

BSD Camera Ⅰ

Mobile DVR-ED08R
8 ch recording and playback

VG
7 ir

era

weight Sensor
t overweight

BSD Camera Ⅱ

BSD Camer

Contact

Phone: (Marketing) +62 896 1778 9602 (Hexa)

+62 877 3823 2900 (Rhea)

Website: https://edbow.id

Info: alam@edbow.id
Rhea@edbow.id
Hexa@edbow.id

Office

Komplek Grand Galaxy City Blok RRG 1 No. 27,
Jakasetia, Bekasi Selatan – Kota Bekasi 17148

Our Customers