Product details

1) MDVR + AI All-In-One. Monitoring and Enhance Driving Safety at the same time.
2) Strongly Support ADAS+DSM+BSD+HOD+360° view +AI passenger counter. Further support HOD, 360 degree view, etc.
3) 8 channel full HD (1080P) video recording, H.265.
4) World first AI MDVR, 1.2T computing NPU ensures high accuracy and stable performance.

Send us inquiry to get complete product presentation and competitive price!

Applications
Widely applied in bus, coach, truck, logistics field.

What does this system combine?

MDVR + ADAS cam + DSM cam + BSD cam + inner&outer Speaker

AI-Chipset MDVR 8CH Full HD + H.265 + GPS + 3G/4G + WIFI (optional)

Algorithm is written inside the MDVR chipsets.

ADAS(Advanced Driving Assistance System)

Collision Warning/Passenger Detection/Lane Departure Warning Enhance driving safety, Avoid accidents!!

DSM(Driver Status Monitoring) Behavior Detection:

Fatigue/Disctraction/Smoking/Calling supported Language:

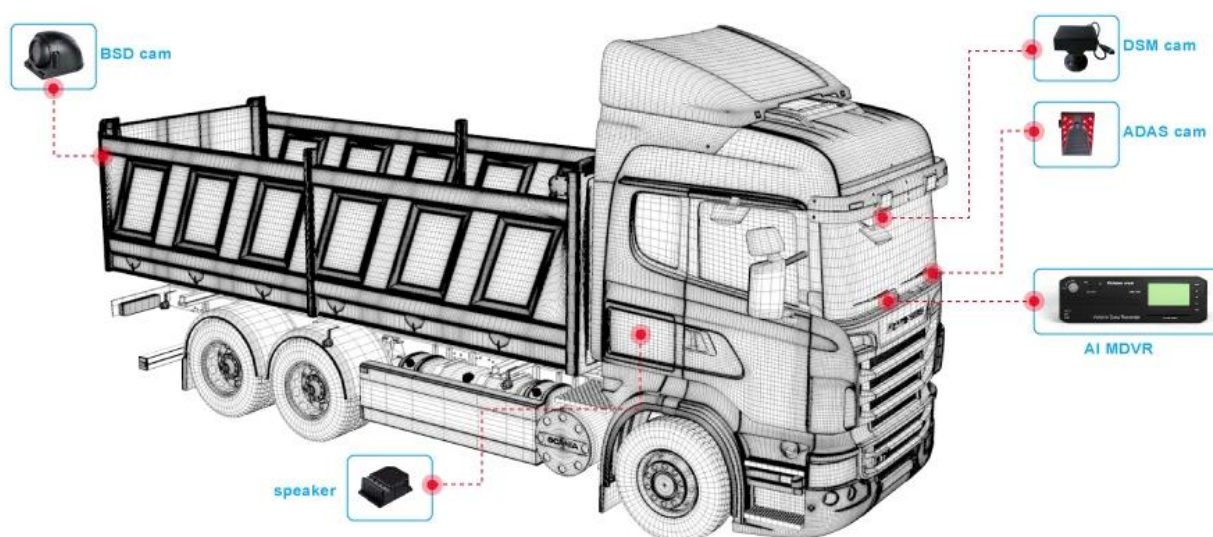*English/Russian/Spanish/Portuguese/customized*

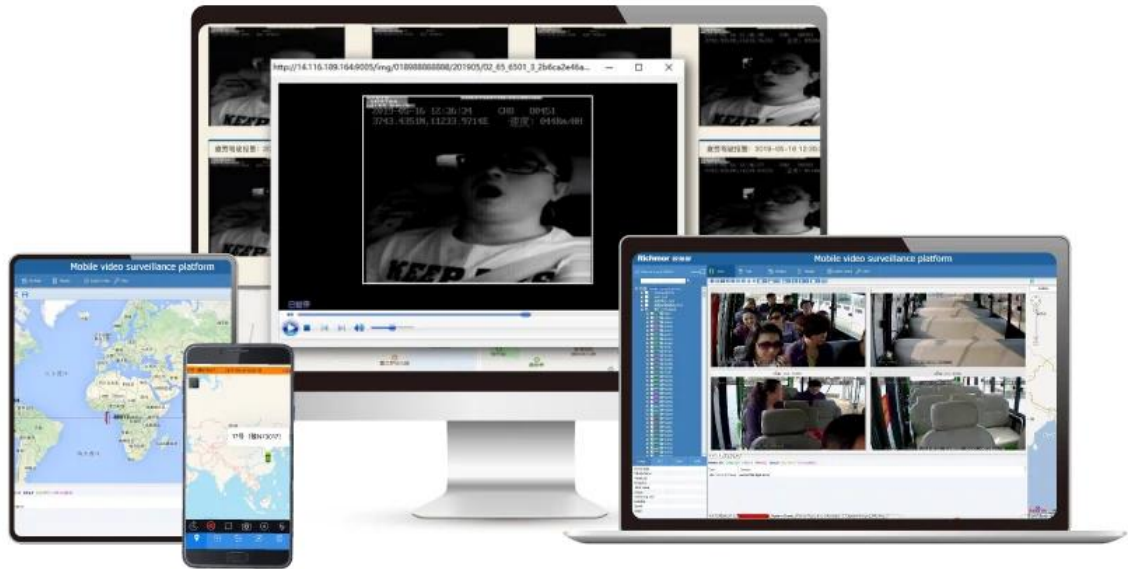# BSD (Blind Area Detection)

3-level pre-warnings Distinguish Moving Objectives Intelligently

Installation Diagram

BSD camera supports installing on the left/right back/front side to adapt to different vehicles. Supports dual BSD detection. Quick installation and easy parameter setup.

AI Platform GPS/Video/Event report PC client/Andoid APP/IOS APP/Professional player

More AI function The strong AI 360°view and AI passenger counter

Passenger counter

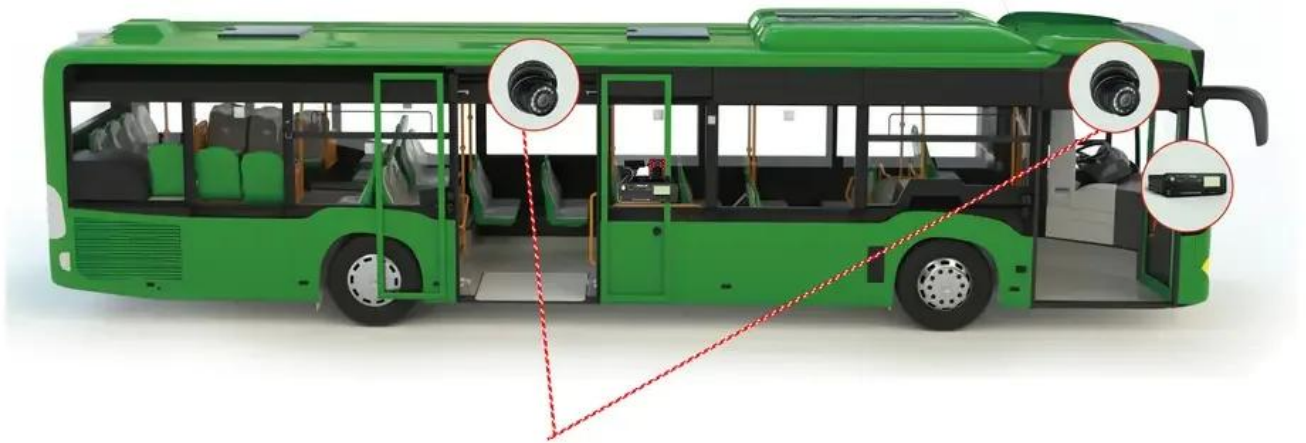### Improve bus operation efficiency with the latest AI technology

Richmor AI People Counting MDVR, utilizes the most advanced AI technology (no longer Tof technology), to provide the best performance of passenger counting solution, with the 99% highest level of accuracy, and can work in complicated ambient light environment, in bus door scenarios. Easy and costly solution with one camera for two way people counting.

Passenger counter

AI MDVR

Plug and Play, easy setting

High accuracy, avg 95%

Bus Solution

Demo inside camera
Monitor cabin view

Rear Camera
Starlight night vision;
Built-in vehicle-specific
(vehicle grade) IRCUT

HOD camera
Detection of playing phone,
hands off the steering wheel /
seat belts

Back BSD Camera
Detect people and objects
beside the bus

**Passenger
counting camera**
Count passengers in hat even
in dim light environment

Audible alarm
The sound and light alarm will be sent

360-degree All round view and video recording

Our AI-MDVR's 360 view function with 4 pcs 180-degree wide-angle 1080p AHD cameras, and it provide a full view of the situation around the vehicle on the monitor. It also works as MDVR with real-time video recording with SD Card/HDD storage. Default with IO trigger right/left, reversing input. With the AI powered chipset, the 360AVM calibration is more easier than normal 360system, and support batch calibration!
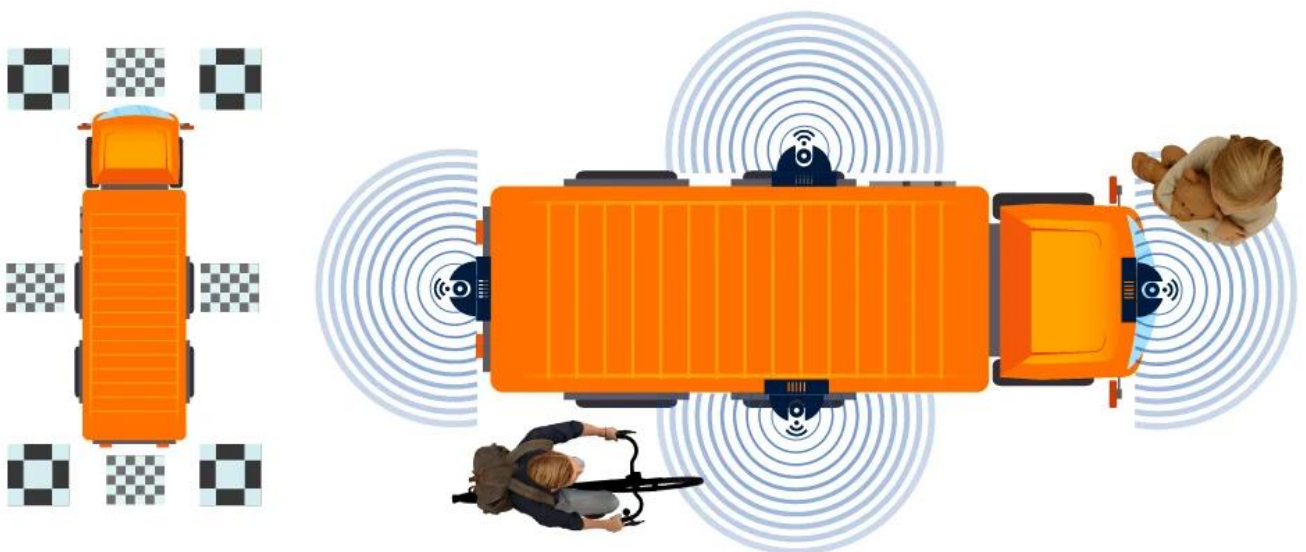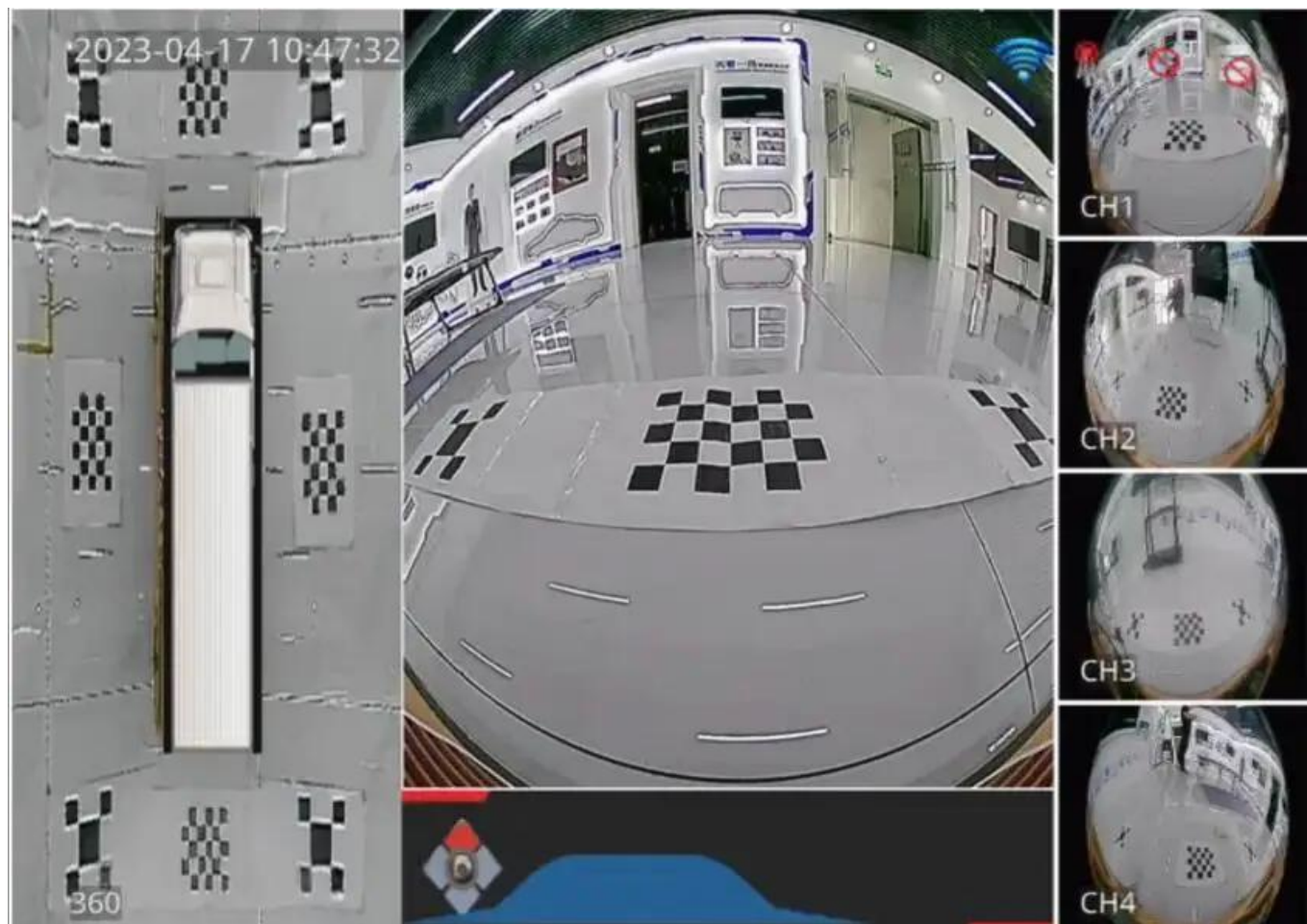
360-degree Panoramic View

Video recording / star-light night vision

Reversing ; blind spot assistance

Specification

item	value
Operation system	Linux
CPU Speed	1.2GHZ
NOR FLASH CAPACITY	32MB NOR+128M NAND
RAM CAPACITY	1G
Resolution	1080P/960P/720P/D1/CIF
Compression mode	H.265, H.264
Video input	8 channels
Video output	CVBS or VGA
Communicate mode	3g/4g/wifi optional
Audio Input	8 channels
Audio output	3 channels
AI function	ADAS/DSM/BSD/face recognition optional
API/SDK integration	Yes
GPS	Yes
Warranty	12 months

Company Profile

Shenzhen Richmor Technology Development Co., Ltd. is a TOP high-tech enterprise/ manufacturer specialized in digital and intelligent mobile video surveillance products, with rich experiences for developing, producing and selling over 13 years. Product Mainly includes *3G 4G SD card/HDD mobile DVRs, ADAS DSM BSD AI mobile DVRs, MINI DVRs, HD*

vehicle camera etc. As a professional manufacturer, we oncentrate ourselves on providing customers with most advanced technologies and products with highest quality.