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HD 3D

SURROUND VIEW MONITORING SYSTEM



Buses / Trucks / Specialist vehicles

SURROUND VIEW MONITORING SYSTEM

Moorechip Technologies Limited

Next Generation Advanced Driver Assistant System

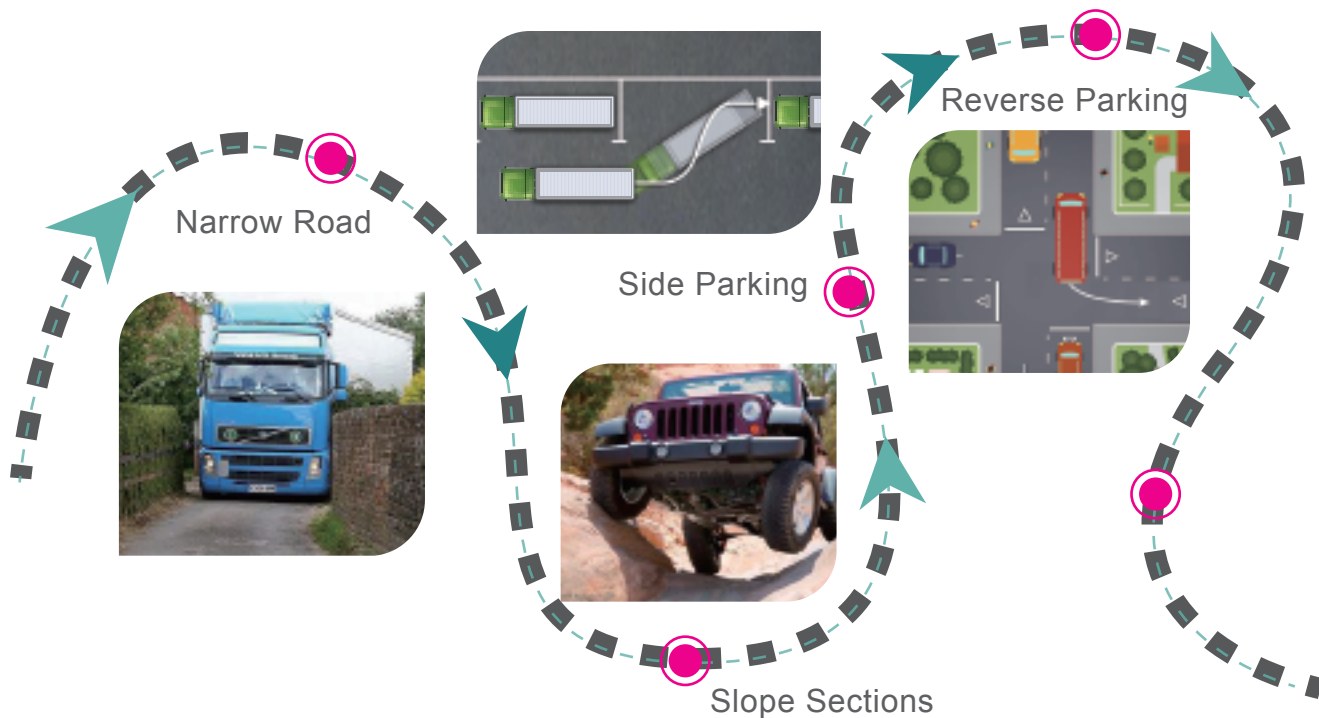
www.nex-adas.com



Product Introduction

The NEXADAS 360° 3D Surround View Monitoring Technology synthesizes images from four cameras to create a true 3D sophisticated view of a vehicle's surroundings. This technology enables flexible omni-directional monitoring around a vehicle from a dynamically definable perspective or "free eye point." The NEXADAS SVM Technology can display the complete vision of the positioning and moving path of the car, it eliminates blind spot and thus works perfectly as a safe parking and driving guide even when restricted by adjacent vehicles and objects, parking line, etc. NEXADAS offers various SVM system configurations like -HDMI/LVDS/AV with alternative version of 2D or 3D.

Application Scenarios





Turning Assistance

Complex sections



T-shape Road



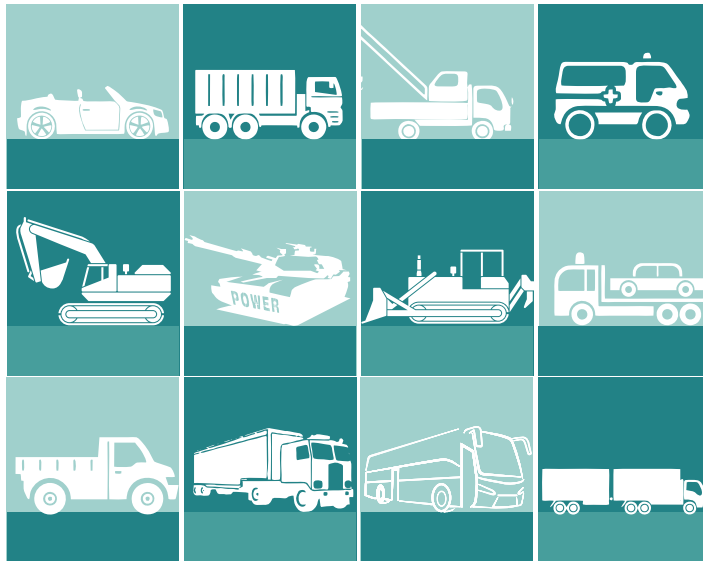
Blind Spot Coverage

Crowded Road



Self-adaptive for vehicle size: supports cars, trucks, specialist vehicles, city buses, school buses, caravans, excavators etc...

Application Models





Buses

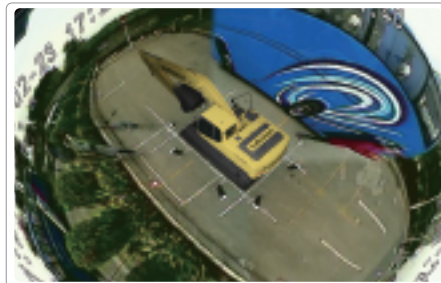


Buses

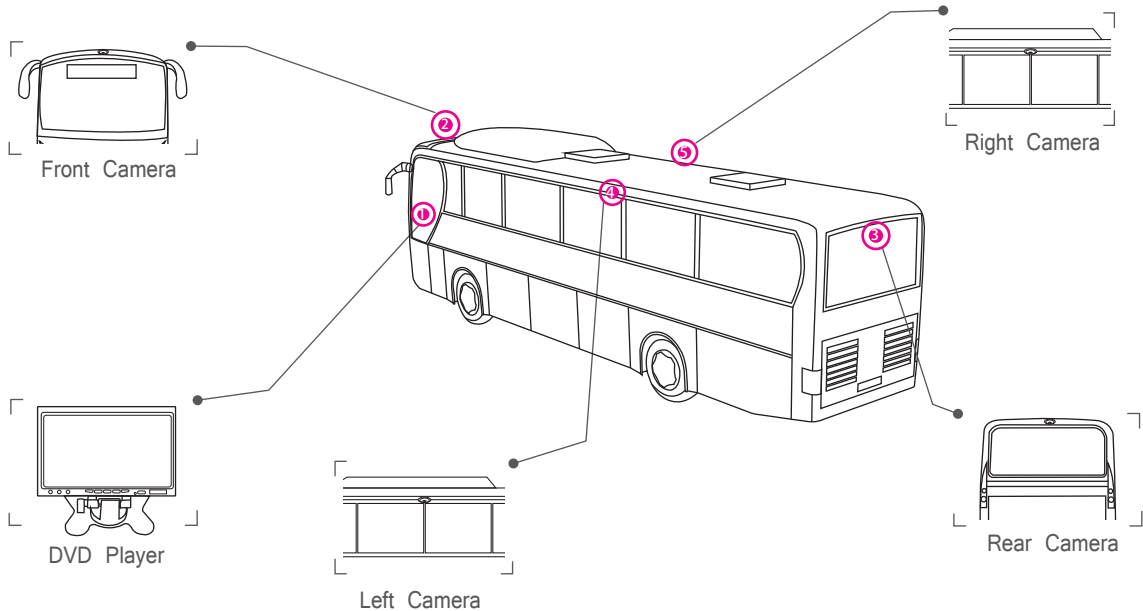




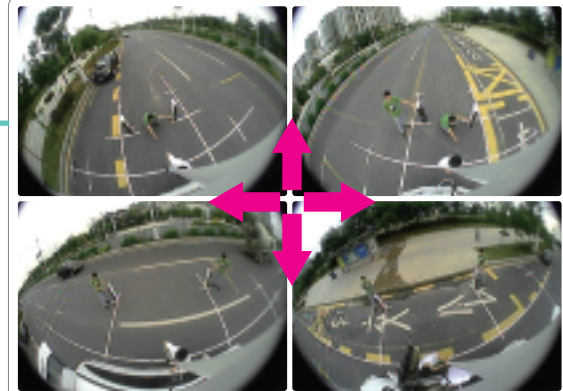
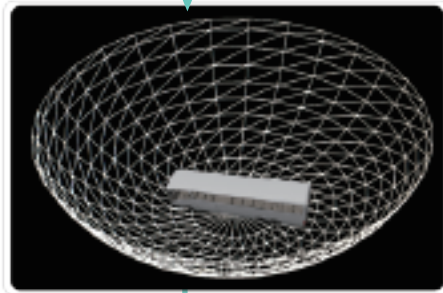
Specialist vehicles



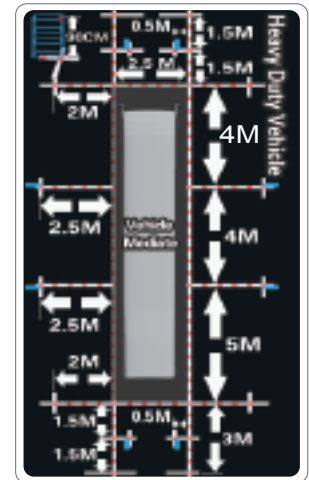
Cameras Distribution



4C



Calibration Basis

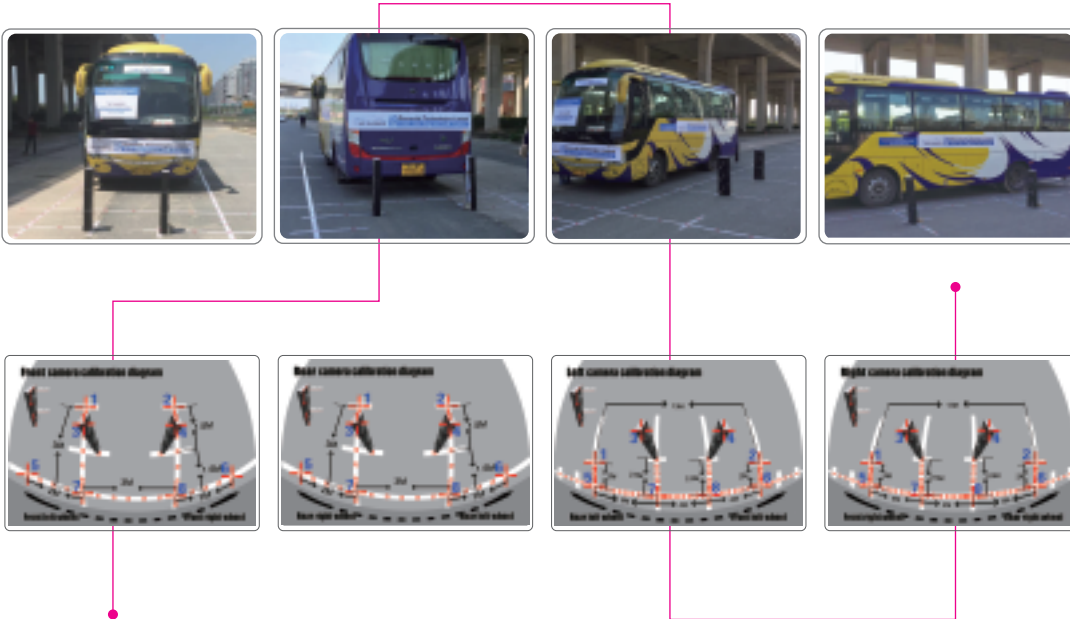


13*2.5m



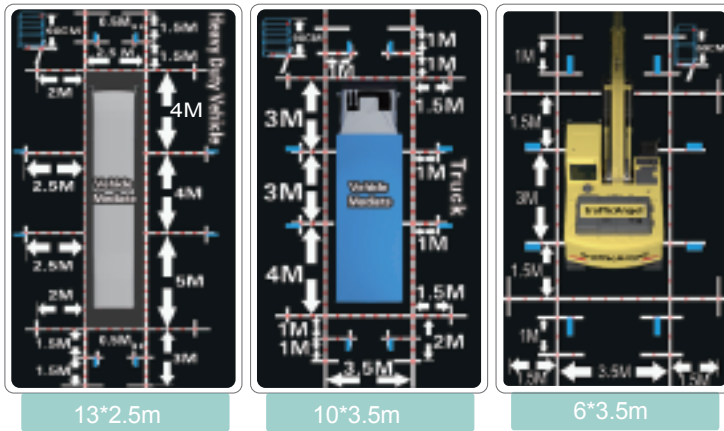
Simplest Calibration

No measuring ruler,
No chess board,
Only a calibration tape to finish.

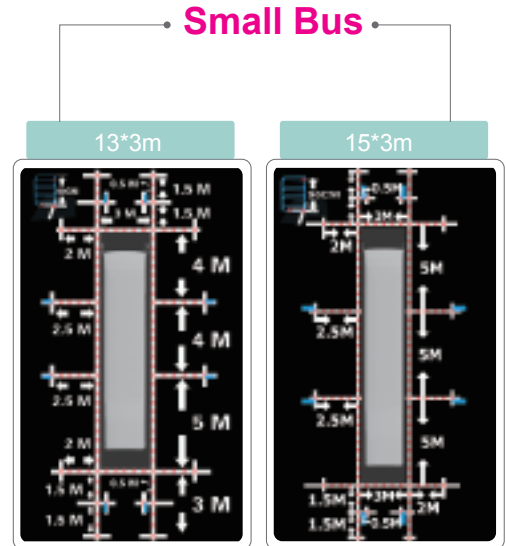


SS

Self-adaptive for ALL vehicles: supports cars, trucks, specialist/engineering vehicles, city buses, school buses, caravans, excavators etc...



Large Vehicle



Seamless Merging

Seamless 3D Video Merging
& Realtime Processing



Smart

Smart switching and
Smart Power Management



Dynamic turning and reversing view angle switching

Convenient

Multi Scenarios Driving Assistance



Reverse Parking



Narrow Road



Turning Assistance



Side Parking



Slope Sections



Crowded Road



Complex Sections



T-shape Road



Blinding Spot Coverage

3D De-interlace

Moving video without blurring,static image is more clear.

WDR Sensor

More visible pixels in dark environments.

3D Modeling

Correct modeling keep more effective pixels in the screen

960p Recording

Recording without interpolation, more clear when playback

More Effective Pixels

Clear

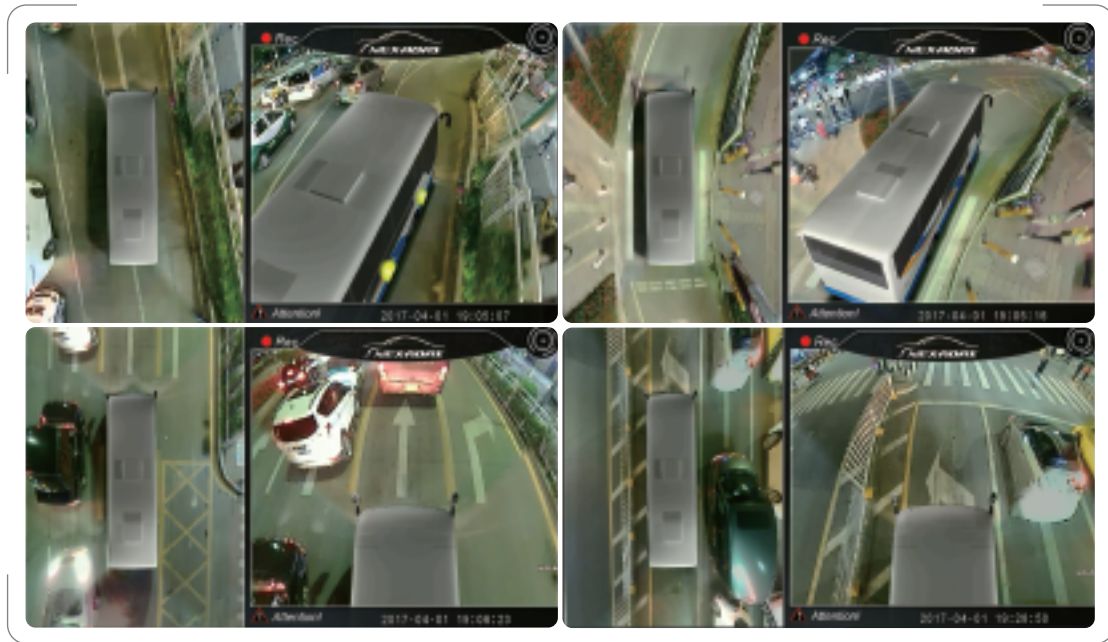
More Example -1



More Example -2



More Example -3





Company Profile

MOORECHIP TECHNOLOGIES was established in 2007 at Shenzhen, China & We are one of the famous total solution providers in Video Processing industry. NEXADAS is our brand mostly related to Automobile Industry. We are proud to code exclusive series of software algorithms and utility patents in video processing and one of our latest and state of the art product is our 360° 3D SURROUND VIEW MONITORING SYSTEM. We are striving to develop International markets & We have applied for our new brand name NEXADAS for registration in North America and Europe for Automobile Industry in the first half year of 2015. We ensure to cater our clients with quality products and professional services for their own OEM/ODM products. Our Motto is to deliver the best technology to our society and to make human life Smoother, Safer and Smarter .