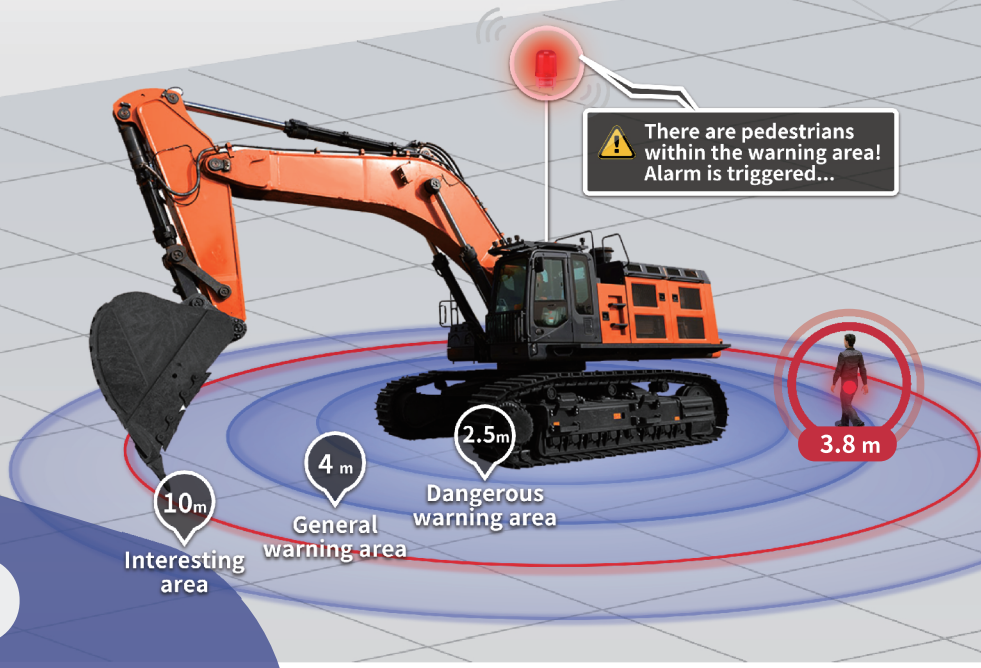
Intelligent Surround View Warning System

- Collision warning function with AI
- Display object distance from main vehicle
- Recognition object types
- 360° around view monitor with high-definition



System Components

Camera

Object detection and recognition

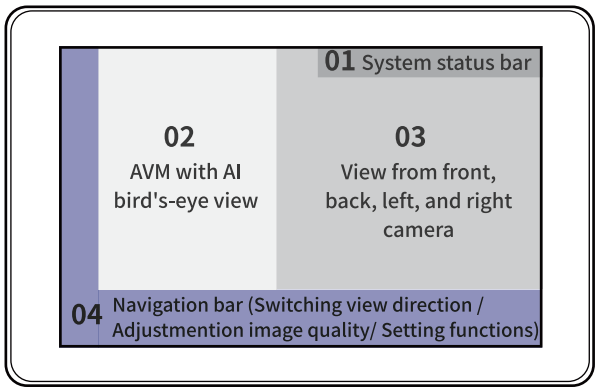
Display and control terminal

Human machine interface / Computing platform for AI /TBOX

Smart cloud platform

Big data analysis and decision making

Four chennel layout of AVM



Easy-to-use interface

Product Features

01 Object detecting

Detecting the position and speed information of objects around the main vehicle

02 Multi-view switch

Real-time view angles around the main vehicle within one monitor, multiple view angles can be switched by driver

03 Suitable for harsh construction environment

The stitching algorithm is suitable for a variety of construction and agriculture vehicle models, ingress protection and antivibration of hardware can be reached IP65 and greater 5.8G, respectively

04 Collision warning function with AI

Different alarm frequency can be seated according to different warning area

05 Event recorder

Storing data included warning, braking, fault events

06 Around detection with no blind

Self-developed innovative image stitching algorithm, image stitching algorithm to overcome the weakness of object disppear in seams of different camera view

07 Remote control and monitoring

Sending tasks to the vehicle from cloud and monited operation status in real time

08 Different posture pedestrian recognition

Recognize different posture pedestrian in walking, standing, lying down, and crouching

09 Recognition a variety of non-road obstacles

Recognize traffic cone, forklift, excavator, loader, road roller, paver

10 Multi-interfaces

Hard wire, CAN, and I/O interfaces

11 USB disk upgrade

Keep the system in the best status at all time

12 DMS driving monitoring system

Real-time monitoring of driver's driving status