



# HD Intelligent Pedestrian Detection Camera



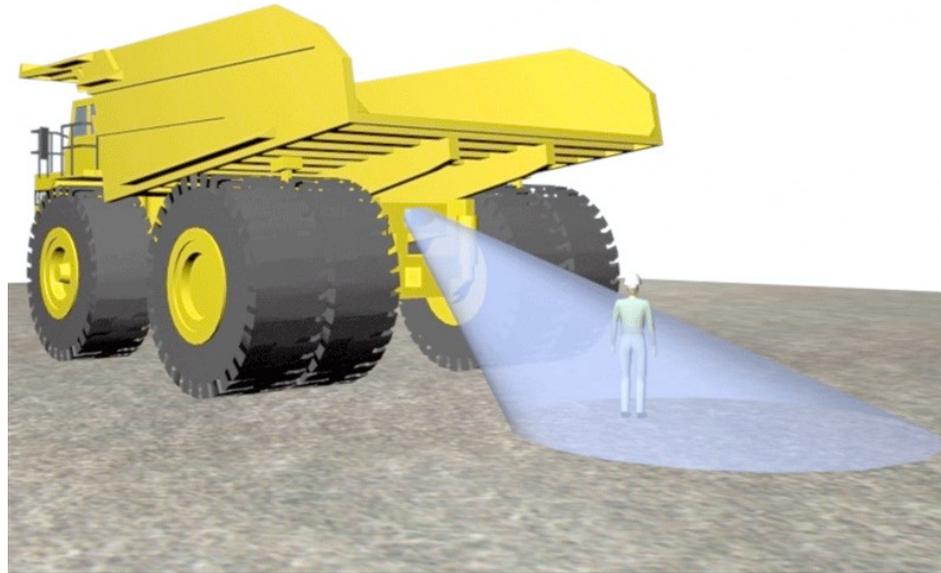
# *HEMM operating environments*

- Pedestrians
- Blind spots
- Mine Benches
- Operate 3 shifts per day
- Turning radius etc



# *Pedestrians Alert?*

- Pedestrians contribute to accidents
- Pedestrians do not understand stopping distances etc



# Existing Technologies for Safety

## □ Rear View Camera

- Only Visual ..No audible alerts

## □ Proximity Anti-Collision Devices

- Most of the times false alarms
- Not able to distinguish b/w the pedestrian and the wall

## □ Danger Zone Warning Lights

- No alerts for operator

## □ Radio Frequency using RFID tags

- Poor handling of safety zone
- Too many false alarms



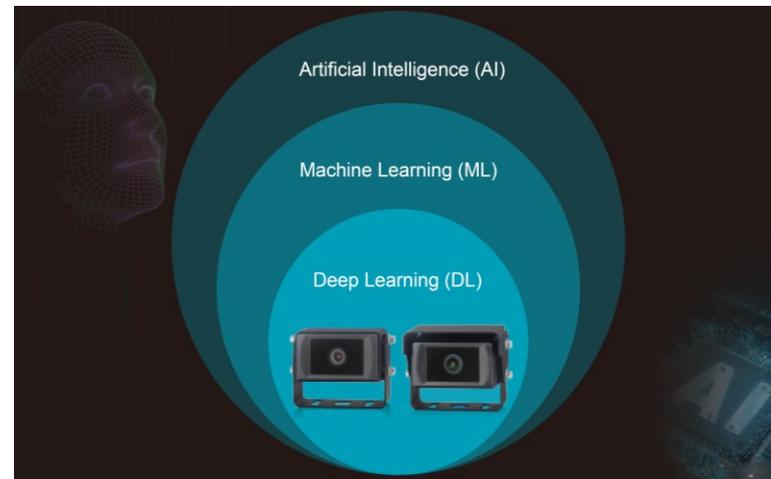
# *What should be an ideal solution?*

In order to solve all the problems above, you need a HD AI intelligent, high detection accuracy pedestrian detection camera!



# *AI based Pedestrian Algorithm*

Artificial intelligent (AI) pedestrian detection system adopts deep learning technology, contributing to the realization of intelligent and accurate pedestrian detection



# *Why AI based Camera solutions in safety?*

- AI pedestrian detection camera is a device aiming to greatly enlarge the drivers and operators field of vision.
  - It can not only quickly detect pedestrians, also provide warning information to drivers in real time, with an add-on audible alarm to pedestrians
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# *Features of Sri Vintec AI cameras?*

- Easy installation and Operation
- Waterproof/Dustproof rating: IP69K, with anti-vibration of 5.9G
- Pedestrian detection: pedestrians in the range of 0.5m-20m/0.5m-12m



# *Features of Sri Vintec AI cameras?*

- ❑ Full high definition 1080P video output (overlaid with pedestrian tracking and warning box)
- ❑ Audio alarm output, can be connected to monitors or other devices with loudspeaker





# Specifications

	Side View	Rear View
Supply Voltage	DC10V~32V	
Consumption (12V IN)	150mA(IR light off)	
	700mA(IR light on)	
Video Format	AHD(1.0Vp-p, 75Ohm)	
Video Output	25 or 30	
Resolution	1920 x 1080P	
Lens / Horizontal Viewing Angle	6mm / 52°	2.3mm / 140°
Audio Output	Warning sound signal output	
Communication Interface	USB 2.0(for software upgrade)	
Cable Length	3m	
Working Temperature	-20 ~ +70°C	
Storage Temperature	-30 ~ +80°C	
Waterproof Rating	IP69K	
Dimension	97.5 x 67.3 x 66.5(mm)	97.5 x 75.3 x 72(mm)
Weight	355g	470g
Housing Color	Black	
Detection distance	0.5 ~ 20m	0.5 ~ 12m

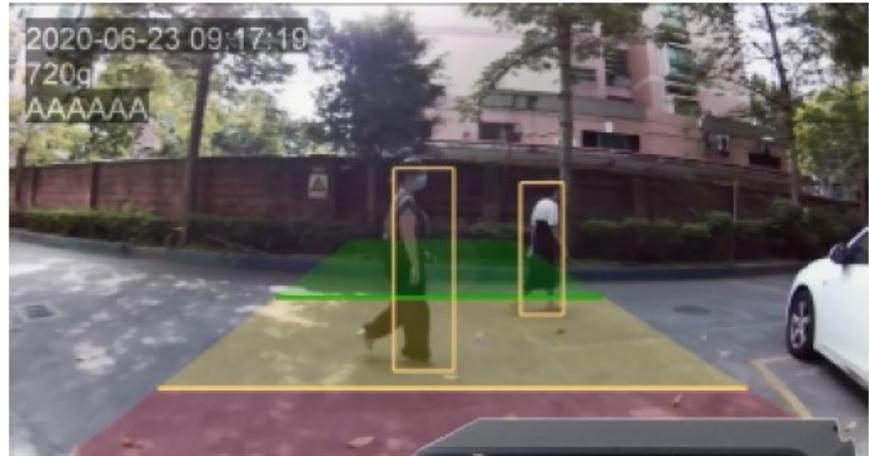




# Side View and Rear View



Side View  
Viewing Angle 52°

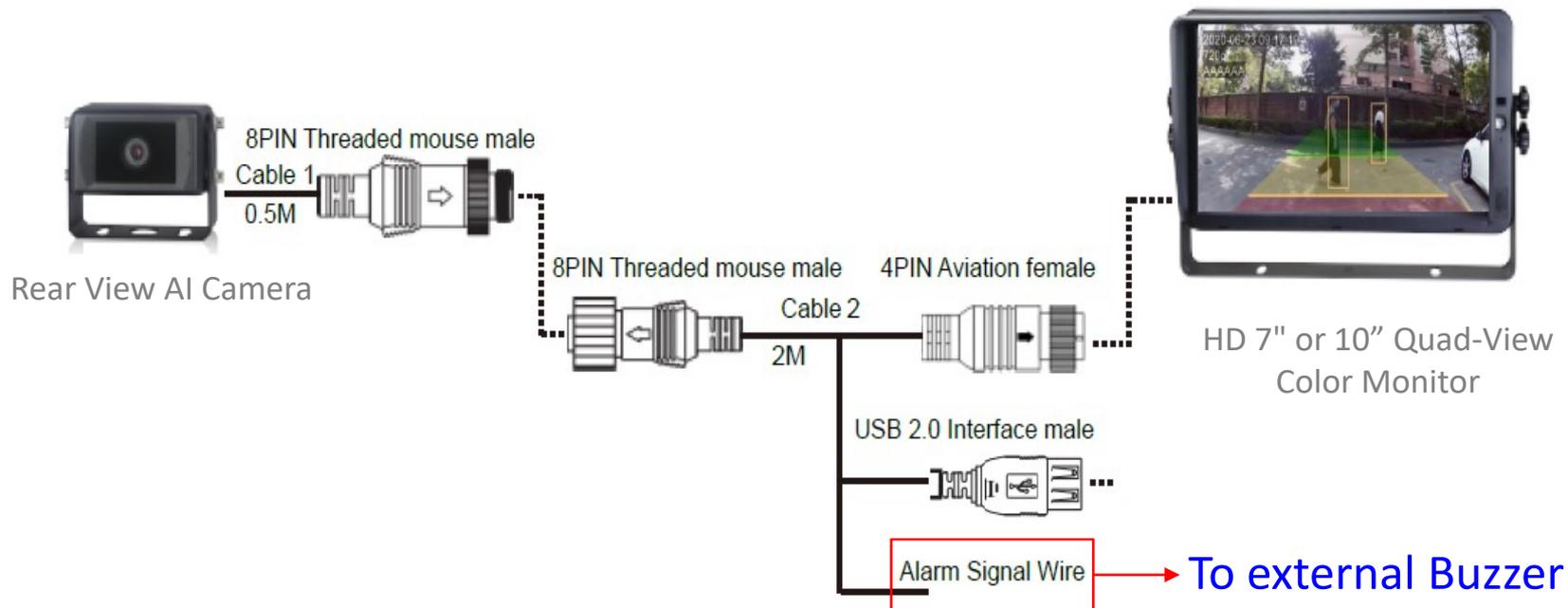


Rear View  
Viewing Angle 140°





# *Schematic Layout and features*

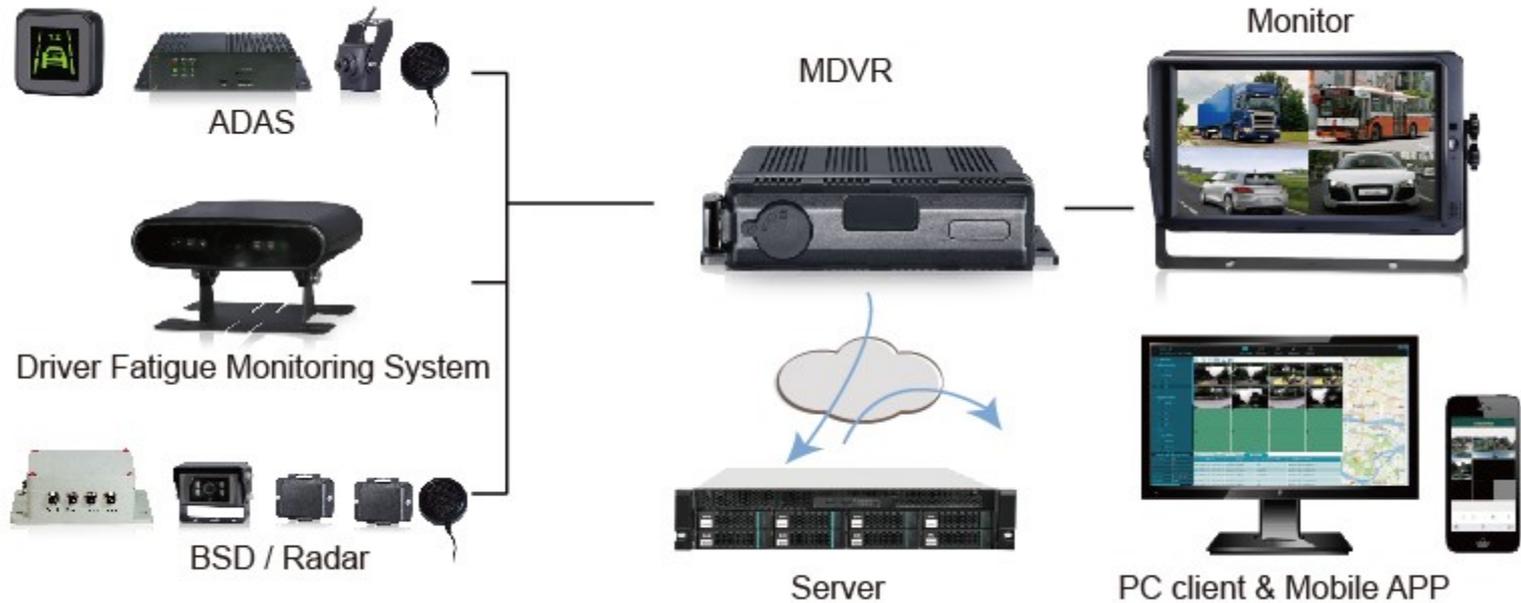


- Up to 4 AI cameras can be connected to single monitor with quad view
- Our AI camera has 3 detection zones (red, yellow, green), and each zone can be calibrated the length/ width/ shape as per the site requirements
- Our monitor supports multiple formats PAL / NTSC / HD(720P/1080P)





# Other Comprehensive Solutions Available





*Please contact us*



M/s SRI VINTEC  
PLOT NO. 238, FLAT NO. 302,  
SRI NIDHI HOMES , MITHILA NAGAR,  
PRAGATHI NAGAR, HYDERABAD,  
TELANGANA, INDIA - 500090

Email: [sales@srivintec.com](mailto:sales@srivintec.com)

Contact : +91 - 9849521110



