

AI-Powered Heavy Equipment Camera System with Pedestrian & Vehicle Recognition



—— Model No.: ADA32P ADA32N ADA32 ——

STONKAM CO., LTD

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Features

【Pedestrians & Vehicle Detection and Warning】

It can identify pedestrians and vehicles such as cyclists, electric bikers, and pedestrians on foot. Pedestrian and vehicle detection and warning function.

【5MP High-Definition Safety Warning】

The pixel resolution of the camera can reach up to 5 megapixels,empowering it with higher accuracy in capturing details. Coupled with the display's pedestrian and vehicle tracking overlay and alert boxes, it significantly enhances driving safety and assistance capabilities.

【Audible & Visual Alerts】

In-cabin alerts are delivered through displays with audio-visual warnings to drivers; externally, the ADA32P camera model supports independent audible and visual alarms, and can also be connected to external alert devices for audio warnings to notify pedestrians and vehicles around the vehicle to maintain safe distance.

【Strong Compatibility】

Support AHD/CVBS/100M ethernet output and RTSP, ISO17215 and other network protocols, compatible with central control screens, fit for various vehicle driving and operating scenarios.

【Large Viewing Angle】

130° rearview wide-angle monitoring of blind spots, with side and front detection reaching up to 20 meters, providing a larger blind spot monitoring range.

【Waterproof & Shock-resistant】

Monitor IP66 waterproof level; camera IP69K waterproof level, vibration-proof level ISO 16750-3 2012 (5.9G), durable, to ensure high-quality picture effect, suitable for forklift trucks to go out to work.

【Other Functions】

The USB2.0 interface can connect to an external wireless WIFI module and USB flash disk; easy calibration done by phones through a web link; should there be the need to upgrade the system, all we need is a USB, very easy to operate.

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Specification

Anti-vibration	ISO 16750-3 2012 (5.9G)	
Detection Distance	Front / side view: 0.5~30m (Horizontal)	
	Rear view: 0.5~20m (Horizontal)	
	DC10V~32V	
Consumption (12V IN)	150mA(IR light off)	
	700mA(IR light on)	
Frame Rate	25/30	
Output signal	AHD(1.0Vp-p, 75Ohm)	
Resolution	2688 (H) x 1944 (V) (ADA32N)	1920 (H) x 1080 (V) (ADA32)
Viewing Angle	Front/side view: 52° (Horizontal) (ADA32, ADA32P)	
	Rear view: 130° (Horizontal) (ADA32, ADA32P)	
	Rear view: 120° (Horizontal) (ADA32N)	
Audio Output	Warning sound signal output	
Communication Interface	USB 2.0 (for software upgrade)	
Cable Length	3M	
Operating Temperature	-20 ~ +70℃	
Storage Temperature	-30 ~ +80℃	
Waterproof Rating	IP69K	
Dimension	95 x 60 x70mm	
Weight	500g	
Housing Color	Black	
Output mode	CVBS/Fast ethernet (ADA32N)	AHD/CVBS/Fast ethernet (ADA32)
Network protocol	RTSP/ISO17215	

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