

360° 3D Around-View System with Radar System for Blind Spots



—— Model No.: BVA17 HD263D FHD808 BSA09 ——

STONKAM CO., LTD

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Features

- 1080P high definition fish eye camera input with good real-time display, offering HD and stable images with screen layback down to 150ms
- Automatic calibration can be finished in 1 minute, and it supports automatic plane correction, saving time and effort
- Multiple viewing models, 3D/2D view switching freely
- Video Recording: 2 x 512GB SD cards, supporting ultra-capacitor to secure the video file
- Built-in AI algorithm, integrated with LDW+FCW+both sides BSD 360 degree detection, is able to detect lane departure, forward collision and overtaking/merging around the vehicle, and then to give an alarm.
- 3D effect supports super rearview mirror, fully covering lane, making safer when merging in the high speed
- Quickly and smoothly pop up the single-view image with low latency
- Support RTSP video output
- Compatible with radars and parking sensors, supporting real-time video and audio overlay to actively warn the drivers to avoid obstacles and other potential dangers
- Support IP camera, connect more cameras, provide more views
- External AI pedestrian detection cameras can be connected, with the highest arithmetic power of 8T, which can achieve a full range of vehicle detection, with a detection range up to 10 meters
- Operating temperature -20°C ~ +70°C
- Low-lux night vision: still visible under 0.1lux with no need of Infrared light
- GPS tracking optional
- Suppos 6 / 12 channels radar detection (Contact for details)
- Front / rear sensor detecting range: 0.60~5.00m (1.97ft --- 16.4ft), side sensor detecting range: 0.60~3.00m (1.97ft --- 9.8ft)
- Real-time display of the obstacle distance

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Specification

360° 3D Around-View System:

Video input	Max.4CH×1080P@25fps/1080P@30fps
Display mode	2D/3D
Resolution	1080P
Frame Rate	25/30
Storage	Max. 2×512GB SD card
Compressed encoding	Max. 4CH×1080P H.264 encoding
Code stream	4MB/2MB
Power supply	10-32V
Operating voltage range of external trigger signal	10-32V
Operating current	<2A/12V
Operating temperature	-20℃ ~70℃
Storage temperature	-40℃ ~85℃
Operating humidity	10%-90%

Radar System for Blind Spots:

Item	BS-A09	
System	IC	Altera Cyclone IV、ADI
Video	System format	PAL/NTSC
	CVBS output	1CH 4pin aviation connector output PAL/NSTC
	Video standard	PAL: 25FPS, NTSC: 30FPS
Radar	Detection Distance	0.60m---5.00m(1.97ft --- 16.4ft)
	Best Detection Distance	0.60m---3.00m(1.97ft --- 9.8ft)
	Display Unit	M or FT (Optional)
	Number of Sensors	6 pcs or 12 pcs

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	Color of Sensors	Black(default)
	Ultrasonic Frequency	40kHz±1.5 kHz
	Size	Ø 35mm, L=33mm
Alarm	Alarm output	Beep
Trigger	Trigger input	High active(DC 10-32V)
	Trigger output	Connect to GND when active, float when inactive
Interface	Video input	1 CH
	Video output	1 CH
	Trigger input	1 CH
	Trigger output	1 CH
	Buzzer output	1 CH
	Radar input	6 pcs or 12 pcs
Electrical spec	Power Supply	DC 10-18V
	Operating temp. & humidity	-20~70℃, RH 90%MAX
	Video input impedance	75ohm
	Video output voltage	1Vpp CVBS output

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