

6CH 1080P HD Waterproof 360 Surround View Panoramic Image System



—— Model No.: BVA18 ——

STONKAM CO., LTD

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Features

【6CH 360° Around View】

6CH 360° surround view image system, suitable for all kinds of vehicles

【HD Video】

1080P high definition fish eye camera input with good real-time display, offering HD and stable images

【One-minute Calibration】

Automatic calibration can be finished in 1 minute, and it supports automatic plane correction, saving time and effort

【Surround view & Vehicle Monitoring】

Support 360 surround view with 4 channels and other applications with 2 channels

【Built-in FCW Function】

Additional camera and extra installation are not required, built-in FCW(Front Collision Warning) saving time and effort

【Resource Integration】

Able to work with STONKAM pedestrian detection camera. Additionally, radar access is supported, and the vehicle is fully protected

【Remote Vehicle Management】

It can be connected to the platform via 4G to achieve remote vehicle management

【Strong Recording function】

512GB+2T SSD stores large capacity videos

【Waterproof and Dustproof】

IP69K waterproof, dustproof and shockproof, able to operate even if in harsh environments

【Other Functions】

Optional capacitive touch screen; trigger wire and GPS access are both supported

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Specification

360 Degree Surround View Control box:

Video input	Max.6CH×1080P AHD (25/30)FPS
	Compatible with 6CH * 720P (25FPS/30FPS)
Video output	CVBS PAL/NTSC
	AHD/VGA output
	RTP/RTSP (1080P/720P/D1 optional)
Output delay	The analog output delay is within 200ms
	The average delay of RTSP push stream is less than 200ms
Startup with picture	Support fast picture of single channel screen within 3 seconds
Display view types	Single channel view of each camera
	Six split view
	2D panoramic view (original 2D view)
	3D panoramic view at any perspective
Storage	Max. 1×512G SD card+1×2T SSD card
Recording	(Default) Max.6CH×1080P H.264 15FPS encoding
	6CH 1080P standard input or single-channel splicing composite screen image
	Format AVI/MSV
Playback	Advised to use PC software for playback
	The board supports 6CH simultaneous playback
Code stream	1MB/2MB/4MB
	Other bitrate could be customized
Control box dimension	181.6*146.6 mm
Waterproof rating	IP69K
Control	Remote control、touch screen (optional)

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Network	Ethernet WIFI 4G(OPTION)
Expanded port	1. Trigger line*6
	2. TTL
	3. CAN *2
	4. USB port
Additional G-sensor	Standard:GPS、Acceleration chip
	Optional:Ultrasonic radar, microwave radar, pedestrian detection camera
Power supply	10-32V
Operating voltage range of external trigger signal	10-32V
Operating current	<2A/12V
Operating temperature	-20℃ ~ 70℃ (Able to be customized up to -40℃~85℃)
Storage temperature	-40℃ ~105℃
Operating humidity	10%-95%

360 Degree Surround View Camera:

Resolution	1080P 720P
Output signal	AHD
Image Device	CMOS
Frame Rate	25/30
Automatic White Balance	Available
Automatic Exposure	Available
Night vision	Starlight level
	Visiable when<0.1lux
	infrared light is not required
White balance	Automatic

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Exposure	Automatic
Dimension	62*41.72*34.11 mm Camera's angle cannot be adjusted
	74.28*59.16*42.43mm Camera's angle cannot be adjusted
Viewing angle	FHD808 (Recommended for 3D view) Horizontal max. 195° Vertical max. 135°
	FHD410 Horizontal max. 170° Vertical max. 90°
Power supply	DC 9~16V/DC 10~32V
Operating temp. & humidity	-20℃ ~70℃, RH95%MAX.(FHD808)
	-40℃ ~85℃, RH95%MAX.(FHD410)
	either-or
Storage temp. & humidity	-30℃ ~80℃, RH95%MAX.(FHD808)
	-40℃ ~125℃, RH95%MAX.(FHD410)
Waterproof rating	IP69K
Lens length	1.45mm

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