

AE-VE242A-A **Panoramic Auxiliary System**



- Adopted panoramic image stitching algorithm and image equalization algorithm to realize panoramic surveillance video around the vehicle.
- Supports 4 channels of 720P/1080P high-definition camera input
- Support 2D/3D multi-view switching
- Supports HDTVI/AHD/CVBS output
- Supports storage of 4-ch original video and video playback
- Supports CAN connection
- Supports connection to left turn, right turn, reverse hard line signal.
- Supports APP access and calibration function.

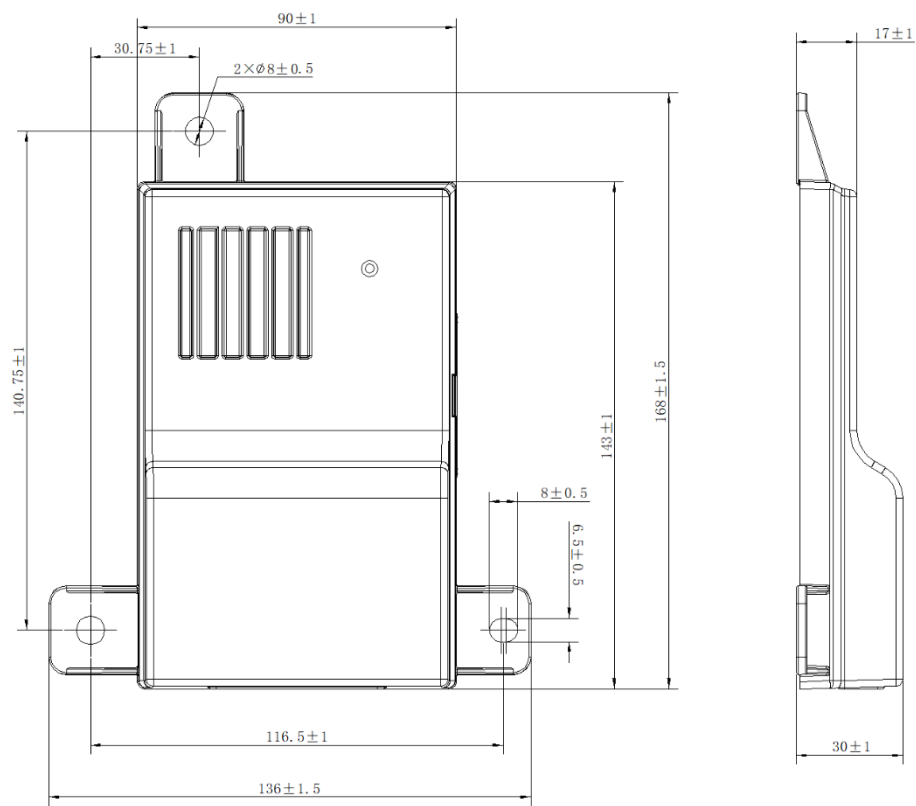
▪ Specification

Video	
Video Input	4-ch, support 720P/1080P
Image	
Image Settings	Support 2D/3D view
Distortion Correction	2D view support distortion correction and fisheye view
Interface	
Video Output	Choose 1 of the following 3 AHD: 720P/1080P; TVI: 720P/1080P; CVBS: 480P
SD Card Storage	16 GB to 128 GB, support DVR storage, playback customizable
Communication Interface	6-pin aviation plug internet interface: 1, support 100Mbps; BM interface: 4, support 4 camera channels; Video-out interface: 1, screen power supply selectable; IR receiving interface: 1, support accompanying remote control; IO input interface: 3, support connection to vehicle wiring of left-turn, right-turn, backing; CAN interface: 1, support vehicle CAN or external radar USB interface: 1, support connection to the accompanying Wi-Fi debug module; RS485 interface: 1, reserved; TF card slot: 1, support single TF card.
Calibration	
Calibration	Support static and dynamic calibration of vehicle lane; Support APP and remote control triggering calibration.
Indicator	
Indicator	Red/green indicator: 1, support multiple device status
General	
Camera Material	Metal cover
Product Dimension	168.0 mm × 136.0 mm × 30.0 mm (6.6" × 5.4" × 1.2")
Product Weight	315±10 g (0.7±0.02 lb.)
Power	Max. 1.56 A
Power Supply	DC 9 to 36 V
Power Consumption	Max. 14 W
Startup and Operating Conditions	-40°C to +70°C (-40°F to 158°F), Humidity 90% or less (non-condensing)
Approval	
EMC	EN 50130-4:2011+A1:2014;EN 50498:2010;EN 55032:2015+A11:2020+A1:2020;EN 61000-3-3:2013+A1:2019+A2:2021
Safety	EN IEC 62368-1:2020+A11:2020;ECE R10
Environment	ECE R118

▪ Available Model

AE-VE242A-A

▪ Dimension



Unit: mm

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