

AE-DI5042-G4 Industry Dashboard Camera

Key Features

- Up to 1080P resolution, with 108° FOV
- Supports two-way audio
- Supports GPS and speed overlay on picture
- Built-in Wi-Fi module, supports Wi-Fi AP
- Supports 4G network
- Supports dual-TF card storage and recording overwrite
- Supports preview, playback and editing parameters via APP
- Supports connecting to HCP&HCC for uploading and playback
- Adopts build-in Gyroscope
- Compatible with 4-ch TVI Camera
- Supports object detection, driving safety monitoring etc.
- Easy installation and operation
- Low power consumption and high performance



Specifications

Model	AE-DI5042-G4
System	Embedded Linux
Language	Default: English * The language includes interface language and voice reminder.
Video/Audio	
Video/Audio Recording	5-channel video (default: 1 channels; extension: 4 channels) + 1-channel audio
Max. Capability	1080P@25fps (ADAS)+720P@25fps (DMS)+3×720P@25fps (TVI)
Main Stream	CH1: 1080P/720P CH2~CH5: 720P
Sub- Stream	CH1: 720P/480P CH2~CH5: 480P
Video Compression	H.264, H.265. Default: H.264
Audio Compression	AAC, G.711-A, G.711-U. Default: G.711-U
Audio	MIC and Build-in Loudspeaker *Loudspeaker : Max 1W, with adjustable volume, not less than 70 dB at 1 m distance
OSD overlay	Date, Time, GPS, Speed, etc.
Picture Format	JPEG
Image Setup	Adjustable brightness, chroma, contrast, color saturation, and sharpness
ADAS Camera	
Sensor Type	1/2.5 " Progressive Scan CMOS
Shutter Speed	1/3s~1/100000s
Lens	Focal length: 3.35 mm HFOV: 108°; VFOV: 56°; DFOV: 135°
Minimum Illuminance	Color: 0.01 Lux/F1.2
Lens Mount	Built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Signal-to-Noise Ratio (S/N)	≥40dB
LED Indicator Status	
Power Status Lights	   Off/White/Blue
	Off: The device is not powered on
	Steady white(Wi-Fi and Recording Status Indicator): The device is starting Breathing blue(Wi-Fi Status Indicator):The device is powered normally
Network Status Indicator	 Off/White
	Off: The device is connected to the server abnormally
	Steady White: The device is connected to the server normally
Wi-Fi Status Indicator	 Breathing Blue/Flashing blue
	Breathing Blue: The device is in Disable mode
	Flashing blue: The device Wi-Fi runs abnormally
Recording Status Indicator	 Off/White
	Off: The built-in or extended camera stops (including privacy mode)/fails
	Steady White: The built-in or extended camera runs normally
	* When the video recording function is enabled (main stream and sub stream), it will be regarded as normal recording status. The prompt will be given if no recording is

	detected. If the video recording function is disabled (main stream and sub stream), the Prompt will be given if no recording is detected.
Network	
Wi-Fi	Support 2.4GHz (IEEE 802.11b/g/n, Wi-Fi compliant)
SIM Card Type	Industry Micro SIM, Plug-in type
4G	<p>Baseline: FDD-LTE: B1, B3, B5, B8 TDD-LTE: B38, B39, B40, B41 TD-SCDMA: B34, B39 UMTS: B1, B8 EV-DO: BC0 CDMA 1x: BC0 GSM/GPRS/EDGE: 900/1800 MHz</p> <p>Australia: FDD-LTE: B1, B3, B5, B7, B28 TDD-LTE: B40 UMTS: B1, B5</p> <p>Europe: FDD-LTE: B1, B3, B5, B7, B8, B20 TDD-LTE: B40 UMTS: B1, B8 GSM/GPRS/EDGE: 900/1800 MHz</p> <p>Latin America: FDD-LTE: B1, B2, B3, B4, B5, B7, B8, B10, B28, B66 TDD-LTE: B38, B40, B41 UMTS: B1, B2, B4, B5, B8 GSM/GPRS/EDGE: 850/900/1800/1900 MHz</p> <p>Warning: The industrial SIM card (MP2) is required, and the ordinary SIM card (MP1) is prohibited. We are not responsible for any problem caused by the use of any ordinary SIM card.</p>
Interfaces	
Satellite Positioning Detection	GPS L1 1575.42MHz, BDS/GPS/GLONASS/GALILEO/QZSS/SBAS
Power Supply	1, 4-pin Din Connector
IO Interface	2
RS232	1 RS-232 interface
USB	1 USB 2.0 interface
Reset	1, Restart: press the reset button within 3s. Restore: press the reset button within 10s.
General	
Sensor	Six-axis Sensor *Harsh acceleration, Harsh deceleration and Harsh cornering
Storage	Dual TF Card(up to 256GB for each) Read/write rate: Class10 or above is recommended
IP Rating	IP43 *The dash camera is non-waterproof
Working Temperature	-20°C to 60 °C (-4 °F to 140 °F)
Working Humidity	0~95% non-condensing
Power Supply	9-16V , support 12/24V with the buck line Typical power consumption (with dual SD cards installed and SIM card for dialing): about 10W Full-load power consumption (with dual SD cards installed, SIM card for dialing,

	<p>Wi-Fi turned on, TVI connected): about 14W</p> <p>* The above data are test data obtained in a specific environment in the laboratory, and may vary with the individual product differences, service environment, and testing methods.</p>
Dimension (L x W x H)	124.0 mm×82.0 mm×33.0 mm (excluding bracket and cable); Deviation: ±2 mm
Package Dimension(L x W x H)	223 mm×153 mm×63 mm; Deviation: ±2 mm
Package Contents	AE-DI5042-G4 ×1, standard power cable ×1, mounting bracket ×1, mounting bolt ×1, and user manual×1
Camera Weight	<p>300g Net weight (device only)</p> <p>* The actual dimensions and weight may vary with the individual product differences, manufacturing processes, and testing methods.</p>

Available Model

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