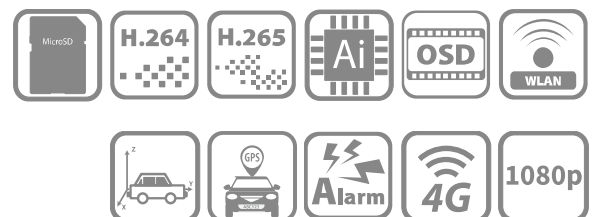# AE-DI5042-G4

1440p Dashboard Camera

Bottom View

Top 3/4 View

- Up to 1440p Resolution
- 153° Diagonal and 127° Horizontal FOV
- Two-Way Audio
- GPS and Speed Overlay on Video OSD
- Wi-Fi Module, Wi-Fi Hotspot, and Client Mode (Customized)
- 4G Network and Mini SIM Card
- Dual-MicroSD Card Storage (up to 256 GB Each) and Recording Overwrite
- Preview, Playback, and Edit Parameters via App
- G-Sensor
- Panic Button: Supports 2 Wired Alarms or 1 Bluetooth Remote Alarm
- Compatible with 4-ch TVI Camera (IR/Waterproof Camera Optional)
- Connects to HCP and HCC for Upload, Playback
- Built-in Gyroscope
- Compatible with 4-ch TVI Camera
- Two Alarm Inputs

- Face Detection, Driver Behavior Analysis, Advanced Driving Assistance, etc.
- Smart Functions: Driver Authentication; Driver Behavior Analysis: Fatigue, Smoking, Phone Call, Distraction, Cover Camera, etc.
- ADAS: FCW/LDW/HMW/PCW
- Customized: SLW/DZ/PSCW/Green Light/Speed Limit/Vehicle Moving/Passenger Face Counting
- Easy Installation and Operation
- Low Power Consumption and High Performance

Hikvision's AE-DI5042-G4 1440p Dashboard Camera features 1440p resolution with a 153° diagonal and 127° horizontal field of view. It communicates over 4G networks using a mini SIM card and supports dual microSD cards of up to 256 GB each for video storage.

As a Hikvision commercial grade multi-channel dashcam, the AE-DI5042-G4 can work either standalone or be integrated with the cloud-based HikCentral platform to perform centralized fleet management for remote live view, speedy alerts, geofence alerts, GPS tracking, driver behavior analysis and alerts, and two-way emergency communications. These advanced functions make Hikvision dashcams a good fit for taxi fleets, security patrol cars, commercial trucks, charter buses, boats, yachts, and industrial vehicles.

Available Model

Specifications

AE-DI5042-G4			
Camera			
	Image Sensor		Progressive scan CMOS
	Camera Resolution		1440p (2560 x 1440)
Frame Rate	Main Stream	Ch 1	1440p @ 25 fps (default)
		Ch 2–5	720p @ 25 fps
	Sub-Stream	Ch 1	720p/480p @ 25 fps
		Ch 2–5	480p @ 25 fps
	FOV		153° (diagonal), 127° (horizontal)
	Video Compression		H.264, H.265
	OSD Overlay		Date, time, GPS, speed, etc.
	Picture Format		JPEG
	Aperture		ƒ/2.0
	Storage		Supports dual microSD cards (up to 256 GB for each)
	Communication Module		Wi-Fi, Bluetooth, 4G
	Sensor		GPS, 6 axis G-sensor
	TVI Input		Up to 4-ch TVI input @ 25 fps
Interfaces			
	Power Supply		1, 4-pin DIN connector, 9–36 V
	Communication Interface		USB 2.0, SIM card slot
	I/O Interface		2 input
	On-Board Storage		Dual 2 microSD cards, up to 256 GB for ecah
	Alarm		Supports 2-wire alarm button
	RS-232		1 RS-232 inteface
	USB		1 USB 2.0 interface
	Indicators		4G/Rec/Wi-Fi
Audio			
	I/O		Mic and built-in loudspeaker
	Audio Compression		G711 U/G711 A/AAC
Wi-Fi			
	Wi-Fi Protocol		IEEE 802.11b/g/n
	Frequency Range		2.4 GHz
Mobile Communication			
	Mobile Communication Type		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
	SIM Card Type		Industry micro SIM
Image			
	Wide Dynamic Range (WDR)		Yes
	Backlight Compensation (BLC)		Yes
	Electronic Image Stabilization (EIS)		Yes
	Distortion		Yes
	Highlight Compensation (HLC)		Yes
Satellite Positioning			
	Satellite Positioning Detection		GPS
Deep Learning Function			
	Face Comparison		Supports face comparison on device
	Special Behavior Analysis		Fatigue driving/make telephone calls/smoking alarm/distraction alarm
General			
	Working Temperature; Humidity		-20° to 60° C (-4° to 140° F); 0% to 95%, non-condensing
	Power Supply		9 to 16 VDC, 2A
	Power Consumption		Maximum 10 W
Dimensions (L x W x H)	Camera		124 mm x 82 mm x 38 mm (4.88 in x 3.23 in x 1.5 in)
	Package		223 mm x 153 mm x 63 mm (8.78 in x 6.02 in x 2.48 in)
	Camera Weight		300 g (11 oz)

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