

Dash cam DDPAI Z50 Pro



Model: Z50 Pro GPS

Manufacturer: DDPAI

EAN: 6934915208647

Product Code: 1302262

R2,522

DDPAI Z50 Pro Dash Cam

The DDPAI Z50 Pro is a dashcam that records footage in front of the car in 4K resolution (3840 × 2160) at 30 fps. The HDR-compatible lens has an f/1.8 aperture and a 143° field of view. The device offers parking monitoring, a 3-axis G-sensor, Wi-Fi 6 on the 2.4 GHz band, Bluetooth 5.4, support for microSD cards up to 512 GB, and app-based control. The device also supports 4G connectivity when an optional adapter or module is used. It can also work with an optional GPS and CPL filter.

Wide Field of View and HDR

The DDPAI Z50 Pro lens has an F1.8 aperture and a 143° field of view, allowing it to capture a wide area in front of the car. Footage is recorded in 4K resolution at 30 fps. HDR support helps preserve details in areas with significant differences between bright and dark parts of the image, such as when driving in changing lighting conditions.

Parking Monitoring and Supercapacitor

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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The DDPAI Z50 Pro supports parking monitoring, allowing it to be used to monitor the vehicle even while parked. The built-in 3-axis G-sensor detects G-forces and can help record significant events related to impacts or sudden changes in the vehicle’s movement. The supercapacitor used performs well in automotive devices exposed to large temperature fluctuations, and the dashcam’s declared operating temperature range is from -20°C to 70°C.

Connectivity and User-Friendly Operation

The dashcam supports Wi-Fi 6 on the 2.4 GHz band and Bluetooth 5.4, and the ability to control it via an app makes it easy to use its features. The model also supports 4G connectivity when an optional 4G adapter/module is used; therefore, this feature does not imply the presence of a built-in 4G modem in the dashcam itself. A 3-inch screen is also available for direct operation, and the USB-C port provides a convenient way to connect the power supply.

ADAS, Large Card Capacity, and Optional GPS

The DDPAI Z50 Pro offers ADAS features, including a forward vehicle departure alert and a driver fatigue warning. The device supports microSD cards with capacities up to 512 GB and records footage in MP4 format using AI.265 or H.264 encoding. The dashcam’s capabilities can be further expanded with an optional GPS module supporting GPS, BDS, and GLONASS systems, as well as an optional CPL filter that helps reduce light reflections visible in recordings.

Manufacturer	DDPAI
Model	Z50 Pro
Recording Resolution	3840 × 2160, 30 fps
HDR	Yes
Lens	F1.8, 143°, 2G4P
Video Encoding	AI.265, H.264
Video Format	MP4
G-Sensor	3-axis

4G Connectivity	Supported; requires an optional 4G adapter/module
Parking monitoring	Yes
Supercapacitor	Yes
App control	Yes
CPL filter	Optional
GPS	Optional
GNSS	GPS, BDS, GLONASS
ADAS	Front vehicle departure alert, driver fatigue warning
Supported memory card	microSD up to 512 GB
Wi-Fi	2.4 GHz Wi-Fi 6
Bluetooth	BLE 5.4
Screen	3"
Power connector	USB-C
Input voltage	5 V / 2 A
Dimensions	83 × 64.7 × 36.8 mm
Weight	187 g
Operating temperature	-20°C to 70°C
Storage temperature	-40°C to 85°C
Information about data generation: https://dataact.innpro.pl/DDPAI/6934915204687 , GPSR Link: https://psr-assets.innpro.pl/car_accessories/sg_car_accessories_video_recorders.pdf , PPWR: https://ppwr.innpro.pl/en/ddpai , Gross weight: 540, Net weight: 528, Box length: 22,50, Box width: 14,50, Box height: 5,00	

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