

# zendUIT



## ZenduCAM AD Plus Dual-Facing Dash Camera to Secure the Safety of Your Fleets

### Product Details

<b>Product Model</b>	
	AD Plus
<b>Network</b>	
WIFI	Supported 2.4 G & 5.8 G (IEEE Std.802.11a/IEEE Std.802.11b/ IEEE Std.802.11g/IEEE Std.802.11n/IEEE Std.802.11ac)
4G	Supported <b>For North America</b> LTE FDD: B2/B4/B5/B12/B13/B14/B66/B71 WCDMA: B2/B4/B5 <b>For Europe and Asia</b> LTE FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM: B3/B8 <b>For Latin America</b> LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
<b>Locating</b>	
GPS	Supported GPS L1 1575.42 MHz BDS B1 1561.098MH GALILEO E1B/C1 GLONASS L1OF 1602MHz SBAS: WAAS, EGNOS, MSAS, GAGAN
<b>Sensor</b>	
Six-axis Sensor	Supported
<b>Engine Data Interface</b>	
CAN Data Collection	Supported

## Product Details

LED Status	
Recording Alarm LED: LED 1 (Left, Blue/Green)	Recording failure: Blinking blue Normal recording: Steady green Emergency alarm: Blinking green
Module Fault LED: LED 2 (Right, Red/Green)	Abnormal GPS: Blinking red Abnormal 4G: Blinking green Normal modules: Steady green
Storage	
TF Card	2 × TF cards, with the maximum capacity of a single card up to 256 GB
Video/Audio	
Video/Audio Recording	4-channel video (default: 2 channels; extended: 2 channels) + 1-channel audio
Resolution and Frame Rate of the Main Stream	DSC: 1080P@20 FPS ADAS: 5MP@20 FPS
Maximum Resources	<b>Main stream:</b> 5MP@20 FPS(ADAS)+1080P@20 FPS(DSC)+1080P@20 FPS(AHD) + 1080P@20 FPS(IPC) <b>Sub-stream:</b> 4 × CIF@30 FPS
Image Settings	Adjustable brightness, chroma, contrast, color saturation, and sharpness
Video Coding	H.264/H.265
Audio Compression Standard	ADPCM/G.711/G.726 (default: G.711)
CBR/VBR	Supported. Default: VBR; optional: CBR
Audio	Built-in MIC
Speaker	Built-in 1.5 W 8R
ADAS Camera Parameters	
Sensor Type	1/2.7" 5 megapixel CMOS Sensor
Shutter Speed	1/30s - 1/100000s
Focal Length	2.8 mm HFOV: 103° VFOV: 71°
Lens Mount	MDVR built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Backlight Compensation	Supported
Signal-to-Noise Ratio (S/N)	≥ 39 dB

## Product Details

<b>Cabin Camera Parameters</b>	
Sensor Type	1/2.8" 2M pixel CMOS Sensor
Shutter Speed	1/30s - 1/100000s
Focal Length	2.1 mm HFOV:148° VFOV:82° DFOV:169°
Lens Mount	MDVR built-in lens
Wide Dynamic Range (WDR)	Digital WDR
Backlight Compensation	Supported
Signal-to-Noise Ratio (S/N)	≥ 48 dB
<b>Port</b>	
RS232	1
IO Alarm Input	2
CAN	1
Speed	1
<b>Protocol</b>	
Network Protocol	HTTP, TCP, ARP, UDP, FTP, DHCP, DNS, IPV4, NTP
<b>Power Related</b>	
Power Supply	9-36 V
Built-in Battery	Not supported
Typical Power Consumption	< 8 W
Power Consumption	≤ 11.5 W
<b>Environmental Specifications</b>	
Operating Temperature	-40°C - +70°C
Storage Temperature	-40°C - +85°C
Humidity	15% - 90%