

A-264 (4G)

AI Powered Dash Camera

Sinocastel A-264 is an AI powered dash camera with 4G connectivity designed to reduce accidents, coach drivers and save fleet costs. With built in high performance ADAS and DMS algorithm it is able to actively assist drivers improve driving focus and safety by detecting unsafe driving, real time in cab feedback and coaching.



Weight:
250g

Temperature:
-20°C ~ +70°C

Storage:
Up to 2 X 512GB

Channel:
2 x 1080P or 4 x 720P

-  Star light night vision
-  4 channels HD video
-  Built in ADAS algorithm
-  Built in DMS algorithm
-  AI alerts
-  Built in 3 axis accelerometer
-  Real-time tracking
-  Large data storage
-  OTA firmware update

Application



Fleet management



Taxi industry

Specification

Mechanical	Size	111mm (L) x 87mm (W) x 27mm (H)	
	Weight	250g	
Interface	AV input:	3x BMW-4P connector	
	Digital input:	4x digital inputs (One for ignition detection, three for general use)	
	Digital output:	1x digital output (can drive relay)	
	TF card:	2x TF slots	
	SIM card:	Micro SIM, push-push type	
	Communication port:	1x RS-232 port	
	Configuration port:	Micro USB	
System	Embedded Linux		
Camera	Channel:	2 x 1080P or 4 x 720P	Front camera: 720P or 1080P
	Inward facing camera:	720P IR	Driver facing camera: 720p IR
	Rear camera:	720P	Video encoding: H.264/H.265
Positioning method	GNSS/A-GNSS		
Storage	Up to 2 X 512GB	720P/H.265 270MB/CH/H	720P/H.264 510MB/CH/H
Power supply	Input: 9-36VDC	Power consumption: 10W	
GNSS	System:	GPS/BDS/Glonass	Channels: 66 Sensitivity: -165dBm
	Accuracy:	2.5m CEP	Time to first fix: Cold start: <35s (typ.) / Hot start: <1s (typ.)
Cellular	A-264LE (LTE Cat 4, EMEA):LTE FDD: B1/B3/B5/B7/B8/B20/B28; LTE TDD: B38/B40/B41;		
	WCDMA: B1/B5/B8;GSM/GPRS: B3/B8		
	A-264LSA (LTE Cat 4, LA/AU): LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66;LTE TDD: B40;		
	WCDMA: B1/B2/B4/B5/B8;GSM/GPRS: B2/B3/B5/B8		
WIFI	802.11b/g/n		
3-axis Accelerometer	Driving behavior detection		
LED Indication	Power/RUN		
Antenna	Cellular	Internal	
	GNSS	Internal	
	WIFI	Internal	
Environment	Working Temperature	-20℃ ~ +70℃	
	Storage Temperature	-30℃ ~ +85℃	
	Humidity	5% ~ 95% (no fog)	