

ADAS & DMS



ITEM

Operating System	Embedded Linux OS
Operating Language	English
Operating Interface	GUI, Support mouse
Password Security	User Password Management

INTERFACE

AV input	3CH 4pin BMW head port; Built-in high sensitivity microphone
Audio output	Built-in 1.5W speaker
Alarm input	4CH digital inputs
Alarm output	1CH output (Outputs can directly drive relays <150mA)
SD card	2 High speed SD card port
USB interface	1 MICRO USB port
Ignition input	1CH ACC signal
LED Indicator	PWR/RUN Bicolor indicator
RS232	1 RS232 port(DEBUG function)
RS485	1 RS485 port
SIM interface	1 MICRO SIM port

OTHER

Power input	DC : 8V~36V
Camera Power	1A/11V

AUDIO & VIDEO

Video standard	PAL/NTSC
Compression standard	H.265/H.264
Image resolution	720P /960H/D1/CIF (ADAS support 1080p)
Playback quality	720P /960H/D1/CIF
Combination mode	4CH flexible configuration
Decoding ability	4CH 720P real time
Recording quality	Class 1-6 optional
Audio Compression	G.711A, G.711U, G.726
Audio recording method	Audio & Video synchronized recording

EXTENDED FUNCTIONALITY

GPS	Built- Ceramic antenna, GPS/BD
3G/4G	4G
WIFI	802.11b/g/n, 2.4GHz

RECORDING & PLAYBACK

Recording mode	Automatic/Alarm
Audio bit rate	8Kb/s
Storage media	SD card storage
Video inquiry	Inquiry by channel/Recording type
Local playback	Multi-channel playback

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DSM Dashcam

KEY FEATURES

F No.	2.2
Focal-Length	3.6mm
Flange Back Focal Length	6.1mm
Image Circle	1/2.7 ⁰
TTL	22.5mm±0.3
Lens Structure	4G
Mount	M12*P0.5
Clamp Force	>0.5 kgf-cm
Resolution	3MP

FOV	Sensor	D	H	V
	1/2.7 ⁰	95	82	54
	1/3	80	68	40

Optical Distortion	1/2.7 ⁰	-18.0%
Resolution	220 lp/mm (more than 220 lp/mm) 150 lp/mm (more than 150 lp/mm)	
Operating Temperature	-30°C ~+70°C	
HSF&Safety	ROHS	
Clamp Force	150-300gf.cm	

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