

A1. Model No.:	A2. Product Name:
MS-7ADA44	MS-7ADA44
B1. Product Keywords:	
- With Built-in two cameras, supports expansion of one analog camera and one IPC, up to 4 channels with recording; - DMS, ADAS all in one, with customizable algorithms; - With built-in Bluetooth, WIFI, LTE, GPS module; - Highly integrated, fully built-in antenna, integrated installation, small and beautiful and easy to install; - Support remote platform management; - The peripheral box are designed separately, rich interface expansion - The camera supports WDR, 2K ultra-HD recording, so the day vision and night vision are excellent; - With dual TF card mass storage, support H264/H.265 video encoding recording; - DMS camera can be rotated left, right, up and down to adjust for different car and driver installation; - With built-in driving behavior recognition algorithm, can identify rapid acceleration, acceleration and deceleration, collision and other behaviors; - Support wide voltage input and super capacitor power failure protection; - With built-in MIC and speaker, support remote voice intercom function, and real-time alarm voice alert; - Can add External camera which support BSD algorithm for pedestrian recognition; - Clever design of shell with Large metal lines for good heat dissipation; - Support radar access for collision warning and distance detection; - Support connection with iOS/Android mobile APP, quickly set device parameters and video live viewing, video playback; - Support emergency alarm button function that gives fast access to emergency calls; - Support multiple alarms, with 15s pre-recording time	
B3. Key Specifications:	
ADAS Camera	
Sensor Types	1/2.7" 5MP CMOS sensor
Lens	2.8mm HFOV 130° VFOV 95°
Signal-Noise Ratio S/N	39dB
Wide dynamic range	74dB
Type of lens interface	Host built-in lens
DMS Camera	
Sensor Types	1/2.8" 2MP CMOS sensor
Lens	3.6mm HFOV 100° VFOV 53°
Signal-Noise ratio S/N	TBD
Wide dynamic range	>120dB
Type of lens interface	Host built-in lens
System	
Operating system	Linux
Operating interface	APP/ WebUI
Operating permission	Administrator & user setting
Video	
Video input	Built-in 2K+Built-in 1080P+External camera2*1080P
Video standard	PAL: 25 fps/ NTSC: 30 fps
Compression	H.264/H.265
Audio	
Audio input/output	Built-in mic/ speaker
Compression	ADPCM

Recording			
Image resolution	2K/1080P/720P/D1		
Storage			
Video bit rate	64kbps~4Mbps/channel		
Audio bit rate	32kbps		
Storage	56~2700MB/(Channel*Hour), Micro SD card * 2, max 512GB*2		
Interface			
RS232	1 channel		
RS485	1 channel		
CAN	1 channel		
IO Input	2 channel		
IO Output	2 channel		
Wireless			
3G/4G	Available		
WIFI	Available		
GPS	Available		
BlueTooth	Available		
G-Force			
Six-axis sensors	Available		
Power supply			
Power Input/ Output	DC 10~32V/ 12V@4A		
Max. power consumption	8W		
Hibernate function	Not available		
Environment			
Working temperature	-20~70 degree		
Humidity	<80%		
Software			
Windows Client	Available		
iOS Client	Available		
Android	Available		
Web	Available		
Algorithm			
Front View ADAS	Forward Collision Warning(FCW), Lane Departure Warning (LDW), Pedestrian Detection (PD), Speed Limit Sign Recognition (SSR), Stop Sign Recognition		
In-cabin DMS	Fatigue driving, distraction, smoking, talking on smart phone, no mask, no driver, FACEID Human Face Identity, no seat belt, camera obscured		
Others			
Supercapacitor	Available		
C1. Accessories:			
1- Power Cable	1- WiFi Antenna	1- Camera Input Cable	
1- AHD Output Cable (6pin)	1- 3 in 1 Antenna (optional)	1- Hexwrench	
D1. Packing:			
Weight Of Unit Product:	50.0g	Weight Of Export Carton:	
Dimension Of Giftbox:	29.8*17.3*8.6cm	Dimension Of Export Carton:	44.5*31*37cm