

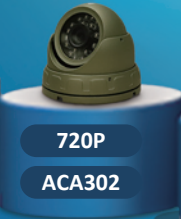


MD833H

8CH HDD/SSD AI MDVR

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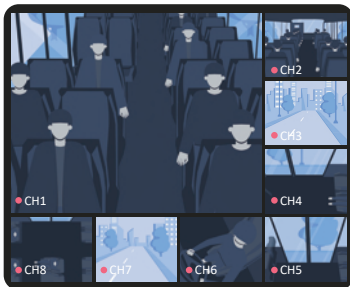
8CH 720P/1080P AHD Cameras ADAS/DMS/BSD for Option

Flexible Configurable I/O 2TB HDD/SSD + 512GB SD Data Protection

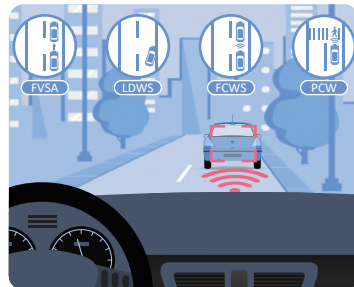
Specifications



Power supply	Rated voltage	DC: 11.4V ~ 36V , Rated 12V/4A
	Power consumption	Start host video function about 8W Daytime: approx. 24W connected to 8-way camera, with display approx. 29W; At night: about 32W for the 8-way camera, with display approx. 37W; Connect a single camera (normal range is 50mA~100mA during the day, 200mA~250mA at night)
AI (Optional)	AI Video	ADAS, DMS, BSD
Storage media	SD Cards & SSD Hard Drives	1 x SATA HDD/SSD and 1 x SD card; capacity: 2TB + 512GB (Note: SD card is not available in TF card with card holder)
System structure	System operation	Dual system operation, dual communication channels (prevent data loss)
Audio and video	Video input	8 AHD Cameras with D1/720P/1080P arbitrary mixing; Adaptive camera resolution and standard (PAL and NTSC); Up to 8x1080P@15fps live recording;
	Video output	1 VGA video output (8Pin aviation plug), default resolution 1280*720. 1 x CVBS aviation plug (level: 1.0Vp-p, impedance: 75Ω); Resolution: PAL 704*576, NTSC 704*480.
	Compression standard	H.264/H.265
	Image display	Support 1,4,8,9 image display
	Audio input	8 channels for camera Mic input, requires camera to support audio; 1 x intercom handle input; 1 x 3.5MM headset input (GSM communication port);
	Audio output	1 independent audio isolated output (connected to AV-OUT connector, VGA airhead connector and intercom handle connector) 1 x 3.5MM headphone port output (GSM communication port)
	Audio compression	G.726
	Video Request and Playback	Retrievable playback by channel, video type, stream type and time
	Recording method	Simultaneously record the ACC, alert, sound, and video.
	WiFi\BLE\GNSS	WiFi
Bluetooth		Support protocol BLE5.1 Downward compatible
Positioning mode		Supports GPS,BD,Glonass dual mode positioning configuration
Positional accuracy		2.5 m
Sensitivity		-162 dBm
GNSS antenna		Supports antenna insertion/extraction/short circuit detection
Other	SPI memory	Built-in 64Mbit for GPRS/SMS/GPS LOG data
	Working temperature	Without battery: -20°C to 70°C
	Sensors	3-axis acceleration sensor (for detecting vibrations and assisting in determining movement stationary state)
	I/O Port	8 x AV-IN, 8 x Din (Max 8), 2 x Dout (Max 8), 2 x AD (Max 6), 1 x Speed_IN, 1 x 1-wire, 2 x RS232, 2 x RS485, 1 x CAN, 1 x DC_5V, 1 x DC_12V
	Dimensions	177 x 162 x 63mm
Frequency band	Weight	1900g (excluding hard drives)
	MD833H-E	GSM: B3/B8 WCDMA: B1/B8 LTE-FDD: B1/B3/B7/B8/B20/ B28A
	MD833H-A	WCDMA: B2/B4/B5 LTE-FDD: B2/B4/B12
	MD833H-AU	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B5/B8 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE-TDD: B40
	MD833H-J	WCDMA: B1/B6/B8/B19 LTE-FDD: B1/B3/B8/B18/B19/B26 LTE-TDD: B41
	MD833H-G	GSM: B2/B3/B5/B8 WCDMA: B1/B2/B4/B5/B8/B6/B19 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B25/B26/B18/B19/B20/B28 LTE-TDD: B38/B39/B40/B41



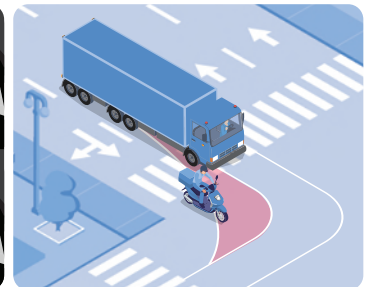
Real-time Video Monitoring



Advanced Driver-assistance System



Driver Monitoring System



Blind Spot Detection

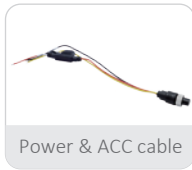
Accessories



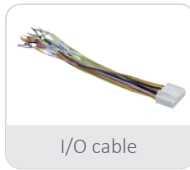
Standard Accessories



MD833H MDVR



Power & ACC cable



I/O cable



Cameras splitter (1 to 2)



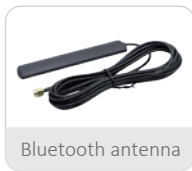
USB cable



WiFi antenna



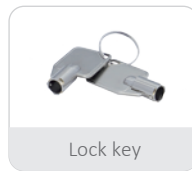
4G antenna



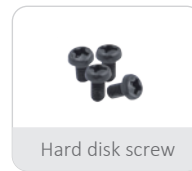
Bluetooth antenna



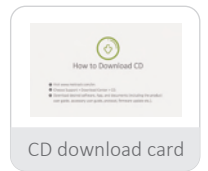
GPS antenna



Lock key



Hard disk screw



CD download card

Optional Accessories



• ADAS Camera



• DMS Camera



• BSD Camera



• Large metal conch camera 720P



• Small metal conch camera 720/1080P



• Waterproof square camera 720/1080P



• Waterproof square camera 1080P



• Side mounted waterproof camera 720/1080P



• Camera extension cable; default is 3M or 5M



• Bluetooth temperature and humidity sensor



• Bluetooth beacon



• Bluetooth beacon



• Fuel sensor (voltage AD)



• Digital temperature sensor



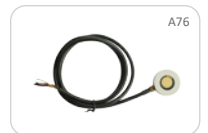
• Ultrasonic Fuel Sensor (range 100cm)



• Ultrasonic Fuel Sensor (range 250cm)



• Ultrasonic Fuel Sensor (range 400cm)



• Ultrasonic Fuel Sensor (range 100cm, Without AD analogue)



• Relay



• iButton



• RFID



• High temperature battery



• Intercom



• 7 inch VGA display



• 7 inch CVBS display



• Speaker



• Microphone



• Connector cable