

4CH MDVR SMD4411 System Specifications

Item	Parameter	Performance
System	Operating language	Simplified Chinese/Traditional Chinese/English
	Operating Interface	Graphical function table operation Interface (OSD function table)
	Password Security	Two-level management of user password and administrator password
Video	Video Input	4 AHD, 4 analog, 2 AHD, 2 analog analog composite Video input, aviation interface, 1.0Vp-p, 75Ω (AHD/analog free option)
	Video Output	1ch VGA/1ch AV synchronous video output, 1.0Vp-p, 75Ω, support 1ch full screen and 4ch split
	Video Display	Single screen, four screen display
	Video Format	PAL, NTSC
	Image Compression	H.264 compression format, rate 8KB/s
Audio	Audio Input	4 audio inputs
	Audio Output	Single audio output
	Recording method	4 channels Audio and Video synchronized recording
Video Processing and Storage	Image format	AHD720p/960H/D1/HD1/CIF Optional
	Video standard	ISO14496-10
	Video bit rate	NTSC: 30 sheets/s, CCIR525line, 60 CIF: 256Kbps-1.5Mbps, 8 levels of image quality optional HD1: 600Kbps-2.5Mbps, 8 levels of image quality optional D1: 800Kbps-3Mbps, 8 levels of image quality optional 720P: 800Kbps-4Mbps, 8 levels of image quality optional
	Audio bit rate	8KB/s
	Data storage	Single SD card type-support 1 SD card (maximum support 128G)
Alarm	Alarm input	4 alarm inputs, below 4V is low voltage alarm, and above 4V is high voltage alarm
	Alarm Output	2 alarm outputs, output high voltage 12V and 5V
Communication Interface	RS485 Interface	Support 1 RS485 Interface
	RS232 Interface	Support 1 RS232 Interface
Supporting Software	PC replay	Replay the Video file on the PC and analyze the vehicle information in the file at the same time
Software Upgrade	Upgrade file	Upgrade via USB flash drive

Electrical parameter table

Item	Parameter	Description
power input	8~36V	The input voltage is +8V ~ +36V, if the voltage is lower than 8V for a long time, or higher than 36V for a long time, the device will automatically shut down and enter the protection mode. Built-in super capacitor to avoid data loss and SD card damage due to abnormal power failure.
Power Output	12V	The output voltage is 12V ($\pm 0.2V$), and the maximum current is 2A.
ACC Signal	$\leq 4V$	ACC OFF ◦
	$\geq 5V$	ACC ON ◦
Video Decoding Capability	4*720P/4D1	4-channel 720P, 960H, D1, HD1, CIF encoding and decoding.
Video input Impedance	75 Ω	Each video input impedance is 75 Ω .
Video output Voltage	2Vp-p	Output a 2Vp-p CVBS analog signal, and the input impedance of the display device needs to be matched with 75 Ω .
I/O Interface	0~4V	It is a low voltage alarm.
	>4V	It is high voltage alarm.
Storage Interface	SD Card	Single SD card type-support 1 SD card (maximum support 128G)
Operating Temperature	-20°C~70°C	Ambient temperature under well-ventilated conditions.