

MDVR Product Specification and Parameter for

H981-V3 Mobile DVR



System

1. General

Language - English/Chinese/Russia
OSD - Graphic User Interface (OSD menu)
Password - User password/Administrator password

2. Video

Input - 8CH composite video input
Output - 1CH VGA video output, 1CH CVBS video output
Display - 1CH/2CH/4CH/9CH display
Standard - PAL/NTSC
Image Compression - H.264 Main profile, 120fps

3. Audio

Input - 8CH audio input
Output - 1CH Audio Output (CVBS)
Recording Mode - Synchronous recording in audio & video

4. Image Processing & Storage

Video format - 1080P/720P/960H/D1/CIF optional
Video Stream - ISO14496-10
Video Bit Rate (kbps)
D1: 2048 ~ 400kbps
HD1: 2048 ~ 400kbps
CIF: 1536 ~ 128kbps
8 levels settings optional, highest: level 1; lowest: level 8
Audio Bit Rate - 8KB/s
Storage - Support 2.5" HDD, Max.2TB; Support 1*SD card, Max 256GB

5. Alarm

Input - 6CH alarm input
Output - 2CH alarm output, high level 12V output

6. Communication Port

RS485 Interface - Support 1 RS485 interface
RS232 Interface - Support 1 RS232 interface
RJ45 Interface - N/A
USB Interface - Support 1*USB interface for software upgrading and record file copy

7. Extended Interface

Control Panel - Connect to bus station reporter or control panel
Audio Power amplifier - Support 2CH audio power amplifier output

8. Wireless

3G - 3G (HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA) module optional
4G - 4G (FDD-LTE/TDD-LTE) module optional
WIFI - WIFI module (2.4/5.8GHz) optional
GPS - Support built-in GPS module, Geographical coordinates, driving speed can be written in coding flow, and uploaded via wireless
G-Sensor - Build-in G-Sensor

9. Software

PC Playback - Play back video on computer and analyze vehicle information from recording file
CMS - Video preview, GPS uploading, alarm uploading, central command parameter configuration etc. via wireless
Software Upgrading - Support USB upgrading, HDD upgrading, SD card upgrading and CMS remote upgrading

MDVR Basic Electrical Parameter List

1. Power Input

DC 9 ~ 36V - +9V ~ + 36V, long time lower than 9V or above than 36V, power off automatically and system enter protection mode

2. Power Output

12V - 12V ($\pm 0.2V$), Max.: 2A

3. Vehicle Key Signal

$\leq 4V$ - OFF
 $\geq 5V$ - ON

4. Video Input Impedance

75Ω - 75Ω for each video input impedance

5. Video Output Voltage

2Vp-p - Output 2Vp-p CVBS analog signal, monitor input impedance must fit 75Ω

6. I/O Interface

$< 4V$ - Low level alarm
 $\geq 4V$ - High level alarm

7. SD Card & HDD Interface

1*SD card, 1*HDD

1. UHS SD Card Compatible with common brands in market; SD card supports 256GB max; 2.5" HDD Support Max 2TB.
2. SD card & HDD for storage; support record and system upgrading, etc.

8. Operation Temperature

-30°C - 80°C - Natural environment, well-ventilated

MDVR Product Specification and Parameter for

H981-V5 Mobile DVR



System

1. General

Language - English/Chinese/Russia
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Password - User password/Administrator password

2. Video

Input - 8CH composite video input
Output - 1CH HDMI video output, 1CH CVBS video output
Display - 1CH/2CH/4CH/9CH display
Standard - PAL/NTSC
Image Compression - H.264 Main profile, 120fps

3. Audio

Input - 8CH audio input
Output - 1CH Audio Output (CVBS)
Recording Mode - Synchronous recording in audio & video

4. Image Processing & Storage

Video format - 1080P/720P/960H/D1/CIF optional
Video Stream - ISO14496-10
Video Bit Rate (kbps)
D1: 2048 ~ 400kbps
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8 levels settings optional, highest: level 1; lowest: level 8
Audio Bit Rate - 8KB/s
Storage - Support 2.5" HDD, Max. 2TB; Support 1*SD card, Max 256GB

5. Alarm

Input - 6CH alarm input
Output - 2CH alarm output, high level 12V output

6. Communication Port

RS485 Interface - Support 1 RS485 interface
RS232 Interface - Support 1 RS232 interface
RJ45 Interface - N/A
USB Interface - Support 1*USB interface for software upgrading, record file copy and controlling MDVR

7. Extended Interface

Control Panel - Connect to bus station reporter or control panel

Audio Power amplifier - Support 2CH audio power amplifier output

8. Wireless

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