# DY-MDVR1080W4G

**Enregistreur AHD 1080P 4 canaux compact pour véhicule ou site isolé, 3G/4G (1 slot SIM CARD), WIFI, RS485, 1 slot SD, 2 x SSD, sortie VGA, 4 entrées audio, port RJ45 et télécommande IR, boitier fireproof.**



## Specification

- 4CH/8CH 1080P AHD realtime video recording,audio synchronous recording.
- Dual SIM card design,providing flexible wireless transmission solution.
- Support 2CH power amplifier output,realize vehicle inside and outside of station reporting function.
- H.264 video format,Linux system, dual stream.
- Support remote download and playback function according to the file or accurate to seconds,saving much time and data.
- TES correction encrypted file management system, no video loss and record data 2s before sudden power off..
- Support pre-alarm record, motion detection and alarm linkage.
- 1x VGA output,support max 1080P.
- Support 2.4GHz and 5.0GHz WIFI,WIFI hotspot,GPS/GLONASS,G-sensor optional.
- Abundant external ports,RS-232*4, RS485*2, high speed USB2.0 port*1,CANBUS 2.0B*1,eSATA*1,CAN2.0*2.
- 12CH alarm input,3CH alarm output (2CH relay output,1CH 12V output) 1CH pulse speed detection,2CH analog input.
- Support extendable devices like LED screen, ID reader(support data of swiping card breakpoint resuming), bus station reporter, people counting camera etc.
- Automobile black box function,record speed, GPS position, acceleration of gravity, brake,back the car, swerve,alarm etc.
- DC8-48V wide range voltage supply, industry standard embedded design,military level cushion technique.
- Reliable aviation connector input and output port,easy to install,pluck and plug,stronger anti-seismic property.

**Parameter**

| Item | Parameter | Performance standard |
|---|---|---|
| Name | Product Name | **DY-MDVR1080W4G** |
| System | Operation system | LINUX Embedded，LINUX |
| | Operation interface | Graphical menu interface (OSD Menu) |
| | Interface language | Chinese/English/Portuguese/Russian/French/Turkish |
| | File system | TES Error correction encrypted file management system |
| Video | Video input | 4 CH AHD 1080P input |
| | VGA output | support 1920*1080 ，1280*720 ，1024*768 resolution |
| | CVBS output | 1 CH aviation connector output PAL/NTSC，1.0Vp-p，75Ω，CVBS |
| | Video display | 1/4 |
| | Video standard | PAL : 25FPS, NTSC : 30FPS |
| | System resources | PAL：100fps，NTSC：120fps |
| Audio | Audio input | 4 CH input，600Ω |
| | Audio output | 3CH output,includes 2CH power amplifier output,1CH CVBS output |
| | Record format | Synchronized Video & Audio recording |
| | Audio compression | G711A |
| Digital processing and storage | Video compression | H.264 |
| | Image resolution | 4*1080P（1920*1080） |
| | Image quality | 1-8 1-8 levels adjustable (1 is the best) |
| | Video bit-rate | 192Kbps-2048Kbps（Each channel） |
| | Video storage | 85M-900MByte/hour |
| | Playback resolution | 1or 4*1080P |
| | Audio bit-rate | 4KByte/s（Each channel） |
| | Hard disk storage | 2*2.5 inch SATA hard disk(7mm thick), max 4TB |
| | SD card | 1*SD card slot,max 128GB |
| Alarm | Alarm input | 12 channels alarm input( activated by high voltage) |
| | Alarm output | 3CH output,2CH relay output,1CH 12V output |

| | Analog input | 2CH analog input |
|---|---|---|
| | Motion detection | High/middle/low sensitivity adjustable |
| USB | HOST port | 2xUSB (Front one supports USB3.0,the back one connects fireproof box USB2.0) |
| eSATA | eSATA port | Support 1*eSATA extend port,can record and backup files |
| LAN | wire access | Optional,extend 1 RJ45 port 10M/100M/1000M self-adaption |
| | wireless access | Can built-in wifi module(IEEE802.11N/G/B）,2.4GHz and 5.0GHz optional |
| | 3G/4G | Support 2*3G/4G modules (FDD-LTE/TD-LTE/WCDMA/CDMA2000) |
| GPS | GPS | Optional,built-in GPS/ Glonass module |
| Extension interface | RS232 port | RS232 interfacex4 |
| | RS485 port | Extendable,RS485 interface X2 |
| | Traffic information acquisition | Support 1CH pulse speed detection |
| | Intercom | 1xMIC port input |
| | G-Sensor | Built-in G-Sensor module |
| | CANBUS | CANBUSx2 |
| Other | Power supply and consumption | DC8-36V  5%  ≤12W |
| | Operating temperature /humidity | -20~85°C  /  ≤80% |
| | Dimensions | 245（L）*190（W）*71（H）mm |
| | N.W | 2.8KG（Exclude hard disk /set） |
| | G.W | 3.0KG（Exclude hard disk /set） |

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