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| **Five in One 4CH SD Card 1080P Mobile DVR** |

机（8路1080N硬盘机）



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| **FEATURES:** |

### Built-in high performance Hisilicon chipsets, coded with H.264/H.265 standard, high compression rate and image quality

* AHD/TVI/CVI/IPC/ANALOG five in one video input, wide compliance
* 4+1 live preview and storage
* 1CH synchronized AV output, 1CH VGA output
* Support UPS power input
* Built-in G-sensor, monitor the driving habits
* Reverse Assistance
* Adjust the camera image horizontally and vertically
* Adjust the camera image 90 degrees

**Power:**

* Professional In-Vehicle power design, 8-36V DC Wide Voltage Range
* Multiple protection circuits like under-voltage, short, reversed plug-in
* Smart power management system, shutdown under low voltage, low consumption when standby
* Report the GPS info to the server regularly with very low power consumption, compliant with JT/T794-2011 standard

**Data Storage:**

* Built-in super capacitor to avoid data loss and disk damage caused by sudden outage
* Special file management system to encrypt and protect the data
* Proprietary technology to detect the bad track of the disk which can make sure the continuity of video and long service life of the disk
* Support SD card storage, maximum 256GB

**Transmission Interface:**

* Support GPS/BD/GLONASS optional, high sensitivity, fast positioning
* Support wireless download by WiFi, 802.11b/g/n, 2.4GHz
* Support 3G/4G transmission, LTE/HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA

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| **Technical Parameter:** | | |
| Item | Device Parameter | Performance |
| System | Main Processor | Hi3520DV400 |
| Operating System | Embedded Linux OS |
| Operating Language | Chinese/English/Russian |
| Operating Interface | GUI, Support mouse and remote control |
| Password Security | Two Layer password Admin/User |
| Audio  &  Video | Video Standard | PAL/NTSC |
| Video compression | H.264/H264+/H265/H265+ |
| Image resolution | 1080P/720P/960H/D1/CIF |
| Playback Quality | 1080P/720P/960H/D1/CIF |
| Compound mode | A variety of ways |
| Decoding ability | 4ch 1080P |
| Recording quality | Class 1-6 optional |
| Image display | Single/QUAD display optional |
| Audio Compression | G.726/G.711 |
| Audio recording | Audio & Video synchronized recording |
| Recording & Playback | Recording mode | Manual/Alarm |
| Video bit rate | Full frame 4096Mbps，6 classes image quality optional |
| Audio bit rate | 8KB/s |
| Storage media | SD card storage |
| Video inquiry | Inquiry by channel/Recording type/Alarm Type |
| Local playback | Playback by channel, time |
| Firmware upgrading | Upgrading mode | Manual/Automatical/Remote/Emergency Recovery |
| Upgrading method | USB disk/Wireless network/SD card |
| Interface | AV input | 4ch 4pin aviation + 1ch 6pin aviation for IPC |
| AV output | 1ch VGA video output, 1ch aviation AV output |
| Alarm input | 4 digital inputs (4 Positive/Negative trigger) |
| SD card | 1 SDXC High speed card (up to 256GB) |
| USB interface | 1 USB 2.0 (support pen drive/mouse) |
| Ignition input | 1 ACC signal |
| UART | 1 LVTTL Level |
| LED Indication | PWR/RUN/SD/ALM |
| Ethernet | 1 x 6 pin aviation to RJ45 (10M/100M)  750mA@12V |
| IR | 1 |
| Disk lock | 1 |
| Debug port | 1 |
| Function Extension | GPS/BD/GLONASS | Support detecting antenna Plug in/Unplug/Short circuit |
| 2G/3G/4G | Supports CDMA/EVDO/GPRS/WCDMA/FDD LTE/TDD LTE |
| WIFI | 802.11b/g/n, 2.4GHz |
| Others | Power input | 8V~36V DC |
| Power output | 5V 300mA |
| Power consumption | Standby 8.5mA  Maximum consumption 18W @12V 1.5A @24V 0.75A |
| Working temperature | -20 --- 70℃ |
| Storage Size | 1080P 1G/h/channel  720P 0.5G/h/channel  960H 0.38G/h/channel |
| Dimension | 142\*153\*33mm |