

Main Functions

*** Above parameters any changes,please refer to actual product ****

| Main | Sub-Item | Instructions |
|----------------------|-----------------------------|---|
| Recording Sub-System | Video Channel | 8Channel video + 8Channel Audio recording synchronously; |
| | Resolution | Support maximum 8*1080P/720P, every single channel can be adjustable |
| | Image Quality | 0-7 levels, 0 is the highest level. |
| | OSD | Overlays information such as date time and vehicle ID |
| | Loop Rec | Support HDD loop recording, loop cover previous video |
| | Record Mode | Timed recording, alarm trigger recording and manual recording |
| | Preview | Support 1 / 4 / 5 / 6 / 8 / 9 channels preview.,Support Manual/Alarm Trigger full screen preview |
| | Disk overwritten | Space Pre-allocated Support disks overwritten function. |
| Playback System | Video Search | Search video files anytime per day, support kinds of search types. |
| | Playback | Support maximum 8channel synchronously playback, pause,fast forward, fast rewind; |
| | | Support forward and backward play at the speed of: x2 ,x4,x8,x16. Support alarm spot search and time search. |
| GUI | Graphical User Interface | Setup system parameters with the remote control. |
| Alarm | Input | 16channels electrical level alarm input for optional Alarm linkage recording\Active request the intercom\One-key phone calling functions,etc. |
| | Output | Max support 4ch level output |
| Optional functions | GPS Positioning | Built-in GPS/BD module: can sync record GPS information, trace replay. |
| | PTZ Control | Support Pelco-D protocol 485 PTZ remote/local control,preset. |
| | Front Display Screen | 128 x 64 Resolution Lattice Screen For Device Status Presentation |
| | Serial Expand | Support LED Advertisement Panel\Oil Sensor\POS\Bus Station Broadcaster\Car OBD and so on.external devices. |
| | G-Sensor | G-sensor,Record vehicle real-time status. |
| | TTS Voice Broadcast | Support TTS voice broadcast function. |
| | Network | Can expand WIFI module,support 801.2b/g/n, 801.2a/c Built-in EVDO/WCDMA/TD-LTE/FDD-LTE,etc, 3G/4G module. |
| Others | ON/OFF | System delay-time power on/off; |
| | File System | DVR special file recording System Technology,Exclusive car record file system,space pre-allocate,4ch single file Record,cyclic covering; To avoid the storage of the media causes file fragments, with high reliability and high stability; |
| | Build-In Battery | Built-in 3.7V / 600mAh (1200mAh Optional) Backup Battery.Support Device GPS upload In 24 hours After Vehicle Power Off |
| | Heater device | Build-In Hard disk Heater |

| Item | | Parameter |
|-----------------------------|--------------------------|--|
| OS | | Linux |
| Language | | Chinese/English/Others (can be customized) |
| Video Compression | | H.264 Compression Mode |
| Front Display Screen | | 128 x 64 Resolution Lattice Screen For Device Status Presentation |
| OSD | | Overlays information such as date time and vehicle ID |
| GUI | Graphical User Interface | Can connect to external LED screen. Setup system parameters with the remote control. |
| Video Record System | Video Input | 8CH 720P AHD/8CH 1080P AHD input ,aviation connector. |
| | Video Output | 1CH CVBS+ VGA output for optional, 1.0Vp-p, 75Ω,Aviation |
| | Preview | Support 1 / 2 / 4 / 5 / 6 / 8 / 9 channels preview.,Support Manual/Alarm Trigger full screen preview |
| | Resolution | Support 1080P/720P/D1/CIF, MAX:8 channels 1080P |
| | Video Quality | 0-7 levels, 0 is the highest level, 7 is the lowest level. |
| | Video Standard | PAL: 100f/s , CCIR625 line,50field; NTSC: 120f/s, CCIR525 line,60field; CIF: 256Kbps ~ 1.5Mbps, multi levels video quality optional; HD1: 600Kbps ~ 2.5Mbps, multi levels video quality optional; D1: 800Kbps ~ 3Mbps, multi levels video quality optional; 720P : 1Mbps~4Mbps, multi levels video quality optional; 1080P: multi levels video quality optional; |
| | Record Mode | The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported. |
| Audio | Audio Input | 9CH ,Aviation Plug |
| | Audio Output | 2CH,Front port is earphone port ,rear port connects to BNC connector. |
| | Compression | G.726 compression, 8KB/s speed |
| Alarm Input | | 16CH IO Alarm Input, 2CH AD input, pulse speed input; Support alarm linkage function |
| Alarm Output | | 4CH Relay Alarm Output, Support the linkage acousto-optic alarm, cut off fuel oil/power,etc |
| Communication Interface | | 2CH RS232, support extension device, such as POS machine, Oil Feul sensor, LED advertising screen , etc. |
| | | 2CH 485 interface, can connect PTZ,etc. |
| | | 2CH CAN interface.(OPTIONAL) |

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| Wireless transfer | | Support Built-in 3G network, WCDMA,CDMA2000,TD-SCDMA compatible with GPRS,EDGE; Support Built-in 4G network, TTD-LTE, FDD-LTE |
| Position | | Support Built GPS/BD Module,can make playback analysis of vehicle routing |
| G-Sensor | | Support G-sensor |
| Video Storage | Storage | 2.5" HDD+ SD Card,each max 2TB HDD + 128GB SD Card mirror recording to protect data from loss |
| | Upgrade | Support USB flash disk updating,SD card upgrade , OTA remote upgrade automatically |
| | File Format | H.264 |
| | File System | Special Car system File System |
| | USB | Support Two USB Port: 2.0 - Front panel supports USB port, support USB flash disk upgrade to backup; hard disk box USB port, can back up video data |
| Video Playback | Video Search | Search video by Record Time/Record Type etc |
| | Playback | Max support 8CH Replay /Stop/Fast Forward/Fast Reverse at same time |
| | | Support x 2,x4,x8,x16. fast forward or fast backward play |
| Print Mode | | Thermosensitive |
| Print Speed | | 30mm / second |
| Print width | | 57.5±0.5mm |
| Resolution | | 8 points per millimeter |
| Print Paper width | | ≤57.5±0.5mm |
| Safety Management | | User/Admin 2 Levels Different Passwords , support screen lock |
| Voltage & Power Consumption | Build-In Battery | Built-in 3.7V / 600mAh (1200mAh Optional) Backup Battery.Support Device GPS upload In 24 hours After Vehicle Power Off |
| | Voltage Input | DC:+8V ~ +36V |
| | Voltage Output | +12V@2.5A, +5V@2.5A |
| | Power-off Protection | UPS Technology,All video information can be saved automatically when the power is cut off, and make sure that all the files can not be damaged. |
| | Power Consumption | Normal Working < 10W |
| Working Environment | Temperature | -20℃ to +70℃ |
| | Humidity | 20% to 80% |
| | Heater device | Build-In Hard disk Heater(Temperature Sensor) |
| others | Size | 180mm*53mm*170mm |
| | Net Weight | ≤1000g |