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## Specification for HDVR9824

**(2CH Digital Camera, 4CH AHD HDD 3G 4G GPS WIFI MDVR)**



| Model         |                   | HDVR9824                                                                                                                                                    |
|---------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYSTEM        | OS                | Linux 3.18.20                                                                                                                                               |
|               | Booting Time      | <20 s (From Powered on to start recording)                                                                                                                  |
|               | Language          | Chinese/English/Russian                                                                                                                                     |
|               | UI                | GUI                                                                                                                                                         |
| Video         | Video Input       | 2x 1080p/720p/540p Digital Camera Recording, maximum for 4x 1080p Analog/AHD cameras                                                                        |
|               | Video Output      | 2 Video Output (1 HDMI output, 1 CVBS output)                                                                                                               |
|               | Preview           | Support FullScreen/Dual View/Quad View/6 Cameras                                                                                                            |
|               | Record Mode       | Auto Record, Schedule Record, Alarm Record                                                                                                                  |
|               | Record File       | Record video and audio at same time                                                                                                                         |
|               | Compression       | H.265/H.264                                                                                                                                                 |
|               | Frame Rate        | 150fps@1080p                                                                                                                                                |
| Audio         | Audio Input       | 6 audio input (audio is built in the camera)                                                                                                                |
|               | Audio Compression | AAC (16bit, 48KHz) and PCM (According to the type of camera)                                                                                                |
| Video Process | Record Resolution | Support 1920x1080/1280x720/960x540 (According to the type of camera)                                                                                        |
|               | Bitrate           | 100~8000 kbps for each camera                                                                                                                               |
|               | Storage           | Support up to 2TB hard disk, one up to 256G SD card. SD card can be used as backup storage for hard disk when hard disk error, the video file format is AVI |
| Alarm         | Alarm Input       | 3 alarm sensors input, 1 speed input, 1 ignition input, 1 panic button alarm, 1 G-Sensor alarm                                                              |
|               | Alarm Output      | 1 beeper, Alarm OSD                                                                                                                                         |

|                   |                     |                                                                                                               |
|-------------------|---------------------|---------------------------------------------------------------------------------------------------------------|
|                   | Event               | Video Loss Event, Over Speed Event, G-Sensor Event, Storage Event, Motion Detection Event, Panic button Event |
| Communication     | RS485               | One RS485 port                                                                                                |
|                   | RS232               | One RS232 port (For GPS)                                                                                      |
|                   | RJ45                | One RJ45 port, 100M network                                                                                   |
|                   | USB                 | One USB, can be used for mouse, USB stick                                                                     |
| Network           | Protocol            | TCP / IP                                                                                                      |
|                   | 3G/4G               | Optional, build in<br>3G/4G(HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA/FDD-LTE/TDD-LTE)                                  |
|                   | WIFI                | Optional, support WIFI connection and AP                                                                      |
| Location          | Location            | Location feature is optional, Support GPS/GLONASS/BEIDOU, recording location, speed, live tracking            |
| Firmware          | Frame Rate          | Recording frame rate: 1~30fps selectable for each camera                                                      |
|                   | License ID          | Support                                                                                                       |
|                   | Camera Name         | Support                                                                                                       |
|                   | OSD                 | Display and record time, license ID, camera name, location, speed                                             |
|                   | Firmware Upgrade    | Can use hard disk/USB disk/SD card/remote upgrade via 4G                                                      |
|                   | G-Sensor            | Support                                                                                                       |
|                   | Play back           | Support play back, file listed by time, alarm                                                                 |
|                   | Play Speed          | Support from 1/32 to 32                                                                                       |
| Software          | hPlayer             | Player software, play multiple cameras together, can also play the encrypted file                             |
|                   | CMSV6               | Used for 4G/3G model only, support live view/live tracking/historical track/remote upgrade                    |
| Power Input       | Power Input         | 8VDC~32VDC                                                                                                    |
| Power Output      | Power Output        | Power output for cameras: 10.5V/1.5A (6 cameras)                                                              |
| ACC               | <4.5V               | Ignition Off                                                                                                  |
|                   | >6.2V               | Ignition ON                                                                                                   |
| Power Control     | Ignition            | Turn on the DVR when ignition is on, can set DVR to turn off after a specified time when ignition is off      |
|                   | Power Consumption   | Less 5.0W (No camera power consumption included)                                                              |
| Other             | Size                | 162.3x133.0x30.2 mm                                                                                           |
|                   | Weight              | About 0.55kgs                                                                                                 |
|                   | Time                | Internal clock, can synchronize with GPS                                                                      |
|                   | Dual bit stream     | Two different bit stream for recording and live streaming via 4G/3G                                           |
|                   | Power Protection    | Protect power from short cut, over load and error connection                                                  |
|                   | Default             | Can set to default setting                                                                                    |
|                   | Light Indicator     | Light Indicator for power, run, alarm network, 4G/3G                                                          |
|                   | Over Write          | Support                                                                                                       |
|                   | Time Synchronize    | Synchronize with GPS                                                                                          |
| Working Condition | Working Temperature | -25 ~ 55°C                                                                                                    |
|                   | Working Humidity    | 5%~93%                                                                                                        |