

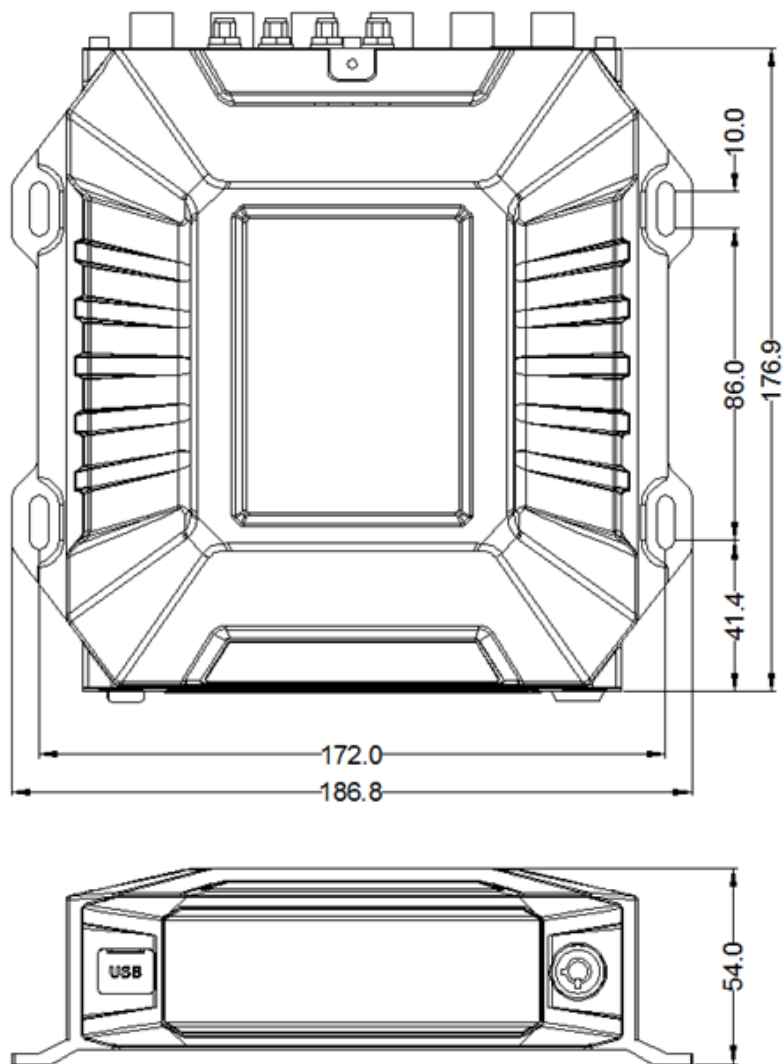
# M51Hv AHD 4CH SSD MDVR



## Product specifications

| Item                  |                                      | Description                                                                                                                                                                                                                               |
|-----------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                 |                                      | M51Hv                                                                                                                                                                                                                                     |
| OS                    |                                      | Linux3.18                                                                                                                                                                                                                                 |
| Operating             |                                      | Cell phone APP, PC client, Remote controller                                                                                                                                                                                              |
| Functions Summary     |                                      | Preview, recording, playback, network transmission, positioning, AI analysis, multiple sensor data acquisition.                                                                                                                           |
| Video and Preview     | Video Input, Output, Signal standard | AHD input: 8ch 1080p/15fps, 8ch 720p/30fps, 8ch D1/30fps, 4ch 1080p/30fps.<br>IPC input: 1ch default, externally expandable 1-4ch<br>Output: 1ch CVBS default, VGA optional(1024x768)<br>Signal standard: 1.0Vp-p, 75Ω, NTSC/PAL optional |
|                       | OSD                                  | Character superposition function, information superposition of time and date, device ID and GPS, alarm, etc.                                                                                                                              |
|                       | Video Compression Format             | Compression coding. Applying H264/H.265 hi-performance processor.                                                                                                                                                                         |
|                       | Image quality                        | Code stream, frame rate optional                                                                                                                                                                                                          |
|                       | Preview                              | 1/4/6/8/9 channel preview                                                                                                                                                                                                                 |
|                       | Resolution                           | AHD: 1080P: 30fps/1M/2M/4M/6M<br>720P: 30fps/1M/2M/4M/6M<br>D1: 30fps/512K/1M/2M                                                                                                                                                          |
| Audio                 | Audio Input, Output                  | 4ch analog audio input, 1ch mic input; 2ch audio output. 2.0Vp-p, 4.7kΩ                                                                                                                                                                   |
|                       | Compression Format                   | G.711A, G.726                                                                                                                                                                                                                             |
| Recording             | Storage Medium                       | Supporting one 2.5" SATA SSD and one SD card                                                                                                                                                                                              |
|                       | Video Strategies                     | Recording at start up by default, supporting timed recording, recording triggered by alarm and event, as well as manual recording                                                                                                         |
|                       | Alarm pre-recording                  | 0-60min                                                                                                                                                                                                                                   |
|                       | Alarm recording delay                | 0-30min                                                                                                                                                                                                                                   |
|                       | Playback channel                     | Support local 1/4/6/8 channel playback                                                                                                                                                                                                    |
|                       | Browse mode                          | Time, channel, event.                                                                                                                                                                                                                     |
| Communication Ports   |                                      | RS232, RS485                                                                                                                                                                                                                              |
| ADAS                  |                                      | Built-in (Optional)                                                                                                                                                                                                                       |
| Wireless Transmission |                                      | 4G wireless transmission module,                                                                                                                                                                                                          |

|                                    |                   |                                                                                                                                    |
|------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------|
|                                    |                   | EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE ect.<br>Wi-Fi module, 802.11b/g/n,2.4G/5.8G optional.<br>Ethernet: Network aviation head(100M) |
| Position                           |                   | GPS/BD: Positioning, speed detection, time synchronization                                                                         |
| Power Supply and Power Consumption | Power Supply      | 1ACC on/off                                                                                                                        |
|                                    | Input Voltage     | DC:+8V ~ +36V                                                                                                                      |
|                                    | Output Voltage    | +12V@1A; +5V@1A                                                                                                                    |
|                                    | Power Consumption | Max 25W consumption, about 0W in standby mode                                                                                      |
| Operating Environment              | Temperature       | preheating: -20℃ ~ +70℃                                                                                                            |
|                                    | Humidity          | 8% to 90%                                                                                                                          |
| Size                               |                   | 176.9mm (L) *186.8mm (W) *54mm (H)                                                                                                 |
| Weight                             |                   | NW:1.4KG<br>GW:2KG                                                                                                                 |



a) Front panel schematic

