## ▶ Feature:

1. The system adopts pure embedded system, ARM quad-core processor solution, high stability, low power consumption
2. Equipped with 3.5-inch pluggable hard disk bracket, supports mainstream large-capacity hard disk
3. Supports 7*24 hours work
4. Supports screen access through RTSP protocol
5. Supports screen access through ONVIF protocol
6. Supports screen access through HDMI (HDMI interface can support up to 3840*2160 screen access, and is backward compatible with conventional resolutions such as 1920*1080
7. Supports HDMI input embedded audio and 3.5mm linear audio input at the same time
8. Supports different recording streams/live streams to select different audio input signal sources or combinations
9. The movie channel can support recording up to 1920*1080@60 resolution video or 3840*2160@30 High-resolution video
10. Support segmented recording and timed recording
11. Support MP4, TS and other recording formats, convenient for various players to play and software editing
12. Support live broadcast through RTMP, HLS and other protocols, convenient for docking with third-party platforms and systems
13. Support movie channel + resource channel live broadcast at the same time,
14. Support 8 layout modes to respond to the needs of different scenes
15. Support 14 transition effects to make the screen switch soft and natural
16. Support subtitles, station logos, opening and ending functions, and support presets. Users can quickly call them with a click, making the director more convenient
17. Support one-click playback and deletion of recorded files in the software interface
18. Built-in 2T hard disk, support external USB flash drive, mobile hard disk and other storage devices, and copy the recorded files with one click or automatically
19. Support transferring recorded files to related platforms via FTP
20. Equipped with a 3.5-inch pluggable hard disk tray, supports mainstream hard disks, and users can purchase hard disks to expand storage according to usage needs

## ▶ Specification:

| Operating system | Linux |
|---|---|
| Support protocols | HTTP, UDP, TCP, HLS, RTMP, RTSP, ONVIF, WEBSOCKET, FTP, NTP, DHCP, SIP |
| Front physical buttons | Power switch |
| Video encoding standard | H.264, H.265 |
| Output resolution | 1920*1080 |
| Video recording format | MP4, TS |

| | |
|---|---|
| Video recording Bit rate | 256kbps~20480Kbps adjustable |
| Recording bit rate control | CBR, VBR, AVBR, QVBR, CVBR, FIXQP, QPMAP |
| Video recording frame rate | 25~60fps |
| Live video format | RTMP, RTSP, HLS |
| Live video bit rate | 256kbps~20480Kbps adjustable |
| Live video frame rate | 25~30fps |
| Audio compression standard | AAC |
| Audio compression bit rate | 32~192Kbps adjustable |
| Video input | 4 HDMI |
| Video output | 2 HDMI |
| Audio input | 4 3.5mm LINE IN |
| Audio output | 2-way 3.5mm LINE OUT |
| Network interface | 1-way RJ45: 10/100/1000M adaptive |
| COM interface | 3-way Phoenix terminal RS232 |
| USB interface | 3-way Type-A USB3.0 |
| Power interface | inner diameter 2.5mm, outer diameter 5mm DC power socket |
| Input power | DV 19V |
| Maximum power consumption | <30W |
| Standby power consumption | <2W |
| Storage temperature | -10℃~+50℃ |
| Storage humidity | 90%RH |
| Working temperature | 0℃~50℃ |
| Working humidity | 70%RH |
| Overall size | 483.4mm(W) x 318.5mm(D) x46mm(H) |
| Net weight | about 3.0Kg |
| Gross weight | about 5.0Kg |
| Body storage | built-in 2T hard disk, equipped with a 3.5-inch pluggable hard disk tray, supports mainstream hard disks; it is recommended to use a 3.5-inch hard disk with monitoring level and above specifications |
| Input resolution | 3840 × 2160p@30, 1920 × 1080p@60, 1920 × 1080p@30, 1600 × 1200P60, 1680 × 1050p@60, 1600×900P60, 1440×900P60, 1280×1024p@60, 1280×960p@60, 1280 ×800p@60, 1280×720p@60, 720×480p@60, 640×480p@60 |