

16CH Full Real Time Network video recorder

Product Model : FS-RC7-02016K



FEATURES

- ◆16CH full real-time network video access, 1U NVR case
- ◆H.264 dual-stream decoding, embedded Linux operation system ◆
- Support sync video recording, remote monitoring, backup
- ◆SupportVGA/HDMI sync output , support 2160P HD preview
- ◆Support amplification preview and playback video image
- ◆Standard ONVIF, RTSP, GB28181 protocol
- ◆Support external alarm, bidirection talk,alarm snapshot,email sending functions
- ◆Support DDNS, EMAIL, UPNP, NTP, P2P,etc
- ◆Support WEB, mobile viewer, Client, CMS monitoring
- ◆ support IPC intelligent functions (target counting, items left/lost, electronic fence, crossing detection, retrograde detection, departure detection)
- ◆Support grouping disk quota, and disk inventory two storage pattern, distribute different video storage capacity or cycle according to different channels
- ◆ Support IPC centralized management, including IPC parameters configuration, import and export information , information real time acquisition , etc
- ◆Support channel grouping, preview round touring
- ◆ Support network detection (network flow monitoring, network wireshark, network clear) function,etc
- ◆Support max 16CH sub stream sync playback and multi-channel sync play backward
- ◆Support instant playback
- ◆The new UI interface, support a key to open the video recording
- ◆Support dual password authentication、 IP filter,

Product parameters

| VIDEO | |
|--------------------------|--|
| Network video input | 16CH |
| Network access bandwidth | 80Mbps |
| Video compression | H.264 |
| Video output | 1 CH VGA output (1920×1080@60HZ,1280×1024@60HZ) HD HDMI output (3840×2160@30HZ,1920×1080@60HZ,1280×1024@60HZ) |
| Display mode | Synchronous output |
| System mode | 16 digits +16 preview +16 playback |

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|-------------------------------------|--|
| Video bit rate | 16-16000Kbps |
| Video resolution | 4K/5MP/4MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Image display | 1/4/6/8/9/16 image display |
| Snapshot mode | Support timing snapshot, manual snapshot, JPEG format |
| Motion detection | Support 396(22*18) surveyed area can be set in every screen and multi-level sensitivity adjustable |
| Privacy mask | Support 4 zones |
| intelligent detection | support IPC intelligent functions (target counting, items left/lost, electronic fence, crossing detection, retrograde detection, departure detection) |
| AUDIO | |
| Audio compression | G.711u |
| Audio input | 1 CH RCA port (IPC complex audio input) |
| Audio output | 1 CH RCA port |
| Bidirectional talk input | Bidirectional talk, RCA port |
| VIDEO RECORDING AND PLAYBACK | |
| Video frame rate | 1-30fps |
| Record mode | manual/Timing record and alarm record/Timing record/alarm record/Stop record |
| Playback ability | Support 1CH 4K/5MP/4MP/3MP ; 4CH 1080P ; 16CH sub stream sync playback |
| Playback mode | Instant playback, local record, Playback snapshot, external file playback |
| Record search | Time, calendar, channel search, event search, (ANR, regular video, motion detection video, alarm video, intelligent detection video) |
| Video playback | Start time, play/pause, stop, forward, backward, single frame,forward 30 seconds, backward 30 seconds,fast play(1-256X), slow play(1-1/32X)、1/4/9/16 split screen, previous page, next page, backup, capture, show hidden progress bar, full screen,roller amplification time bar precise playback |
| STORAGE AND BACKUP | |
| Storage interface | 2*SATA |
| HDD capacity | Single max.8TB |
| Disk grouping | Accordinging video channels to set HDD quantity |
| Disk quota | Accordinging video channels to set HDD storage capacity |
| Backup location | Local, network, IPSAN |
| Array type | / |
| Hot-backup management | / |
| Backup method | USB mobile hard disk, U disk, network backup |
| ANR | Support FSAN IPC (with TF card) ANR |
| FUNCTION | |
| Network protocol | TCP/IP,HTTP,HTTPS,DDNS,SMTP(SSL),DHCP,PPPoE,UPnP,NTP,P2P |
| Interface protocol | ONVIF、RTSP、 |
| Protocol port | ONVIF/RTSP/HTTP/HTTPS/RTMP port customized |

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|--------------------------------|---|
| Mobile surveillance | Support Apple, Android |
| Internet explorer | Support IE, Chrome, Firefox, Safari |
| Display function | Channel shortcuts: modify the channel, 3D positioning, display AI intelligent rules and results, capture, voice intercom, channel audio, manual recording, instant playback, video parameters |
| | Desktop display: audio input, volume, alarm information (deployment/removal), P2P cloud service, network information, Output adjustment, system information, device list (showing whether IPC is online or not, recording type), organizational structure (custom channel classification for quick preview), channel round tour, 1/4/6/8/9/16 split screen, open round tour, open linkage preview, file backup, full screen, hide OSD, PTZ control, |
| IPC timing | Manual/auto/timing/reconnect timing to IPC timing |
| Alarm linkage | Send email, audible warning (buzzer), alarm on monitor, upload to center, record, snapshot, preview, PTZ linkage |
| Network detection | Flow monitoring, network wireshark, network test |
| User management | User add, delete, modify, permission management, FACEeye Scan the QR code to retrieve the password |
| | Auxiliary users(secondary password protection) |
| Manage IPC | Modify IPC parameters |
| EXT INTERFACE | |
| Network interface | 1*RJ45 100M1000M adaptive Ethernet port |
| POE interface | / |
| Alarm input | 4CH |
| Alarm output | 1CH |
| RS-485 | 1CH |
| USB Port | Rear panel:2*USB2.0 |
| GENERAL | |
| Power supply | DC12V/4A (Power plug specification optional) |
| Power consumption | ≤10W (Without HDD) |
| temperature/ humidity | -10°C ~ 55°C/10 % -90 % |
| Dimension(mm) | 360(L)x242.4(W)x48(H)mm |
| Weight/PCS(g) (without HDD) | 2KG (Without HDD) |

Product size and interface



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|----------------------|----------------------|
| 1. audio input | 7. HDMI video output |
| 2. RS485 port | 8. USB 2.0 |
| 3. power switch | 9. alarm input |
| 4. audio output | 10. alarm output |
| 5. RJ45 network port | 11. DC12V power port |
| 6. VGA video output | |