36CH Full Real Time Network video recorder

Product Model : FS-R79-01036K

FEATURES

◆36CH full real-time network video access, 2U NVR case

◆H.264 dual-stream decoding, embedded Linux operation system◆
Support sync video recording, remote monitoring, backup

◆Support dual HDMI Heterologous output, support 2160P HD preview

◆Support   amplification preview and playback video image

◆Standard ONVIF, RTSP, GB28181 protocol

◆ Support external alarm, dual network port, bidirection talk,alarm snapshot,email sending functions

◆Support DDNS, EMAIL, UPNP, NTP, P2P,etc

◆Support WEB, mobile viewer, Client, CMS monitoring

◆ Support 8ch NVR local intelligent analysis(target counting, left/lost, electronic fence, line crossing detcection)

◆ 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

◆Dual Gigabit network card, supporting dual network IP settings and other applications

◆Support   RAID0, RAID1, RAID5, RAID6 and RAID10, overall hot-backup

◆Support channel grouping, preview round touring

◆ Support network detection（network flow monitoring, network wireshark, network clear） function,etc

◆Support max 16CH 1080P 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、 N+1 hot backup、IP filter,
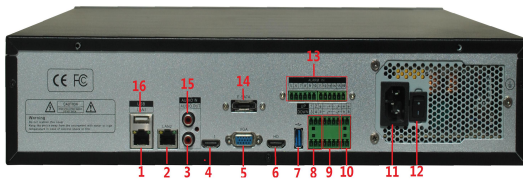
Product parameters

VIDEO	
Network video input	36CH

Network access bandwidth	360Mbps
Video compression	H.264
Video output	1CH VGA output（1920×1080@60HZ,1280×1024@60HZ）
	HD HDMI output（3840×2160@30HZ,1920×1080@60HZ,1280×1024@60HZ）
	HDMI 1 output（1920×1080@60HZ）
Display mode	Synchronous output, heterosource output
System mode	36 digits +36 preview +16 playback +8 channel intelligence
Video bit rate	16-16000Kbps
Video resolution	4K/5MP/4MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Image display	1/4/6/8/9/16/25/36 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 8ch NVR local intelligent analysis(target counting, left/lost, electronic fence, line crossing detcection) 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 4CH 4K/ 5MP/ 4MP, 9 CH 3MP, 16 CH 1080P record 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	8 个 SATA、1 个 E-SATA

HDD capacity	Single max.8TB
Disk grouping	According video channels to set HDD quantity
Disk quota	According video channels to set HDD storage capacity
Backup location	Local, network, NAS, IPSAN
Array type	Raid0、Raid1、Raid5、Raid6、Raid10、
Hot-backup management	Common mode,Hot backup mode(N+1 hot backup)
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
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, 1/4/6/8/9/16/25/36 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	2 *RJ45 100M /1000M adaptive Ethernet port
POE interface	/
Alarm input	16CH
Alarm output	4CH
RS-485	1CH
USB Port	Front panel: 1*USB2.0，Rear panel: 1*USB2.0，1*USB3.0
GENERAL	
Power supply	AC100～240V，50Hz～60Hz（Power plug specification optional）

Power consumption	≤35W（Without HDD）
Operation temperature/ humidity	-10°C ~ 55°C/10 % -90 %
Dimension(mm)	440(L)x432(W)x90(H)mm
Weight/PCS(g) (without HDD)	7KG（Without HDD）

Product size and interface

1. LAN1

2. LAN2

3.Audio output

4.HDMI 1 video output

5. VGA video output

6. HD HDMI video output

7. USB 3.0

8. Alarm input (1-4)

9. Alarm output

10. RS485

11.AC220V power interface

12.Power switch

13. Alarm input (5-16)

14. E-SATA

15.Audio input

16.USB 2.0