

# 36CH AI NVR with 4ch Face Comparison

## Key Features



- 36CH full real-time network video recorder, 2U NVR case
- H.265, H.264 dual-stream decoding, embedded Linux operation system
- Built-in face recognition algorithm
- Support sync video recording, remote monitoring, backup
- Support VGA/HDMI sync output, support 2160P HD preview
- Support amplification preview and playback video image
- Standard ONVIF, RTSP, GB28181 protocol
- Support alarm capture, alarm email sending
- Support DDNS, EMAIL, UPNP, NTP, P2P, etc
- Support WEB, mobile surveillance, Client, CMS monitoring
- Support external alarm, dual network port, bidirectional talk
- 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 and upgrade, etc
- Dual Gigabit network card, supporting dual network IP settings and other applications
- Support IP filter, watermark
- Support channel grouping, preview round touring
- Support network detection (network flow monitoring, network wireshark, network clear) function, etc
- Support max 36CH 2MP 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 and zero channel function

## Technical parameters

Video	
Network video input	36CH
Network access bandwidth	216Mbps
Video compression	H.265/H.264 /MJPEG
Video output	1 CH VGA output (1920×1080@60Hz 1280×1024@60Hz)
	HDMI 1 output (1920×1080@60HZ, 1280×1024@60HZ)

	HDMI HD output (3840×2160@30HZ, 1920×1080@60HZ, 1280×1024@60HZ)
Display mode	Sync output, heterogenous output
Video preview mode	36CH preview
Video bit rate	16-8000Kbps
Video resolution	4K/5MP/4MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Image display	1/4/6/8/9/25/36 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
Face / Intelligent Functions	
Real-time preview	Support face capture results display, comparison results display
Access ability	Max. support 4CH face recognition comparison camera or 4CH face capture camera
Face database	Support built-in≤5000 faces; support B/W list layout control, face search face to query images and video documents
B/W list layout control	Support face B/W list alarm linkage
Intelligent functions	Face comparison、target counting、object detection、area detection、cross line detection. etc
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/external alarm/MD/timing/intelligent analysis alarm
Playback ability	Support 4CH 4K/ 5MP/ 4MP, 9 CH 3M, 36CH 2MP record sync playback
Playback mode	Instant playback, local video, local image, 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, stop, normal play, back play, forward 30 seconds, backward 30 seconds, fast play(1-256X), slow play(1-1/32X), frame play, display the hidden progress bar, backup, snapshot, full screen, roller amplification time bar precise playback
Storage and Backup	
Storage interface	4*SATA, 1*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	/

Backup method	USB mobile hard disk, U disk, network backup
Functions	
Network protocol	TCP/IP,HTTP,HTTPS,DDNS,SMTP(SSL),DHCP,PPPoE,UPnP,NTP,P2P
Interface protocol	ONVIF, RTSP, GB28181
Protocol port	ONVIF/RTSP/HTTP/HTTPS/RTMP port customized
Mobile surveillance	Support IOS, Android
Internet explorer	Support IE, Chrome, Firefox, Safari
IPC timing	Manual/auto/timing/reconnect timing to IPC timing
IPC timing	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
	Auxiliary users(secondary password protection)
Manage IPC	Modify IPC parameters, IPC upgrade
Other	/
Ext Interface	
Network interface	2 *RJ45 100M /1000M adaptive Ethernet port
POE interface	/
Alarm input	4CH
Alarm output	4CH
RS-485	1CH
USB port	Front panel: 1 USB 2.0 Rear panel: 1 USB 2.0, 1 USB 3.0
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)

