HIVIDEO

Model NO.	NVR-816A
SPECIFICATION	◆Supports 10 channels of 4K or 16 channels of 5MP access; Support facial capture and comparison function; ◆Face capture comparison working mode: channel mode needs to be set; ◆Front capture and comparison mode: connected to 10 facial capture and comparison cameras, capable of 10 full channel comparisons; Front capture compared to camera: HI-IP5F ◆Mixed mode: Connect 10 ordinary cameras and select 1 channel to enable AI support for post capture and perform ordinary monitoring compared to other channels; ◆Supports 4K video output, HDMI supports synchronous audio output; ◆Built in face library, capable of storing up to 1000 faces; ◆Support AI functions such as humanoid detection, facial capture, and facial comparison; ◆Support capturing page faces for quick storage and batch import of face libraries; ◆Support searching videos based on personnel names and facial images for faster video retrieval ◆Supports multiple comparison rules and can set different linkage functions; ◆Supports 3.5mm audio interface, expandable input and output; ◆Supports the connection of 1 hard drives, with a maximum hard drive capacity of 14T ◆Time axis display is used for video playback, and video types are represented by colors, making it convenient and fast to retrieve video materials; ◆Support video backup function, with backup accuracy down to seconds; ◆Support batch modification of front-end camera addresses, automatic image generation, and cross network segment image generation functions; ◆Support ONVIF protocol; ◆Support the function of controlling front-end camera image parameters; ◆Multiple playback modes, fast forward, rewind and other functions; ◆Support monitor and playback video remotely with HIVIDEOVMS software ; ◆Support remotely monitor and playback video with HIVIDEO APP;

NVR

Model NO.	NVR-816A（1HDD）
Main chip	A1N
Operating system	Embedded Linux operating system
Operation interface	Graphical operation interface, support mouse/ keyboard operation
Image display	1/4/6/9/10/16 screen

Video parameters

Video access	16 ch 5MP
Video frame rate	NTSC@30 fps, PAL@25fps

Video output	VGA*1, HDMI*1
Image decoding	H.264/H.265
Area occlusion	Support (requires camera support)
Motion Detection	Support (requires camera support)

Smart function

Electric fence	Support, alarm functions such as linkage push, full screen display when triggeralarm , video recorder voice broadcast (requires camera supporting)
Out of boundsdetection	Support, alarm functions such as linkage push, full screen display when triggeralarm , video recorder voice broadcast (requires camera supporting)
Off-dutydetection	Support, alarm functions such as linkage push, full screen display when triggeralarm , video recorder voice broadcast (requires camera supporting)
PassengerStatistics	Support query passenger flow data (requires camera supporting)
Face capture	1.Support face capture, camera must be with face capture function 2.Backend capture: Capture 8 people simultaneously per second, supporting face sizes of 20 * 20-384 * 384 pixels;
Face comparision	1.Front capture and comparison mode: connected to 10 facial capture and comparison cameras, capable of 10 full channel comparisons; (Facial capture comparison camera: HI-IP5F） 2.Mixed mode: Connect 10 ordinary cameras and select 1 channel to enable AI support for post capture and perform ordinary monitoring compared to other channels; 3.Support black and white list comparison function, support multiple rule settings and linkage with multiple alarm methods; 4.Supports 1000 facial expressions; 5.Backend comparison: can compare 2 people simultaneously per second;
Intelligent playback	Support AI function retrieval and playback; Support searching videos by personnel name and searching videos by facial image

Audio

Voice alarm	The voice alarm prompt can be set (the camera needs to support the voice alarmprompt)
Audio format	G.711U ,G.711A, G.726
Audio intercom	Support, need to connect audio extension
Audio input	1:1 network audio input according to the number of channels
Audio output	Support HDMI output audio, 1.25 socket connected speaker sound output,supports 3.5mm audio output

Video playback

Video mode	Timed recording, motion detection recording, manual recording, intelligent recording
Number of playback channels	1 channel 4K playback/2 channels 5MP playback
Video query	Time bar playback, browse playback , smart event playback

Storage backup

Video storage	Local hard drive, network
Backup method	USB mobile hard disk, U disk

Remote monitoring

Phone monitoring	Support HIVIDEO APP mobile phone software for remote monitoring and video playback
Computer monitoring	Support HIVIDEO VMS computer client software for remote monitoring and video playback

External interface

Video output	1 VGA, 1 HDMI interface
Network Interface	1 RJ45 100 adaptive Ethernet interface
Alarm interface	NO
485 interface	NO
USB interface	2 USB 2.0 interfaces
Hard disk interface	1 SATA 2.0 interfaces; each SATA interface supports a maximum capacity of 14TB

Other

PTZ control	Control the camera with PTZ device through the network
ONVIF	Support
Power supply	DC 12V 3A
Power consumption	≤ 15W (without HDD)
Working environment	- 10C~+50C 10%~95%RH
Size	L200*W175*H40mm
Weight/unit (excluding hard drive)	0.5Kg