

GS-O1-RN104D Specification

4CH H.265 4K 1HDD NVR



Product technical features

- Support 4ch 4K access; Support face capture and comparison function
- Face capture and comparison working mode: channel mode needs to be set
Camera capture and camera comparison mode: Connect 4ch face capture and comparison cameras, allowing for full 4ch comparison; Camera: T5AI-F
Hybrid mode: Connect 4 ordinary cameras, select 1 channel to enable AI function, then capture, and use other channels for ordinary monitoring
- Support 4K output, HDMI supports synchronous audio output;
- Built in face library, can store up to 1000 faces;
- Support humanoid detection, face capture, and face comparison AI functions

- Support capturing faces and quickly storing them into the database, as well as supporting batch import of faces into the database
- Support for searching videos by personnel name and face image, making video query faster
- Support multiple comparison rules and can set different linkage functions;
- Support speaker interface for on-site monitoring;
- Support 3.5mm audio interface, expandable input and output
- Supports 1 HDD, with a maximum capacity of 14T;
- Video playback is displayed on a timeline, and the type of recording is represented by color, making it convenient and fast to retrieve video data;
- Support video backup function, with backup accuracy up to seconds;
- Support batch modification of camera IP address, automatic mapping, and mapping on different network segment
- Support ONVIF protocol;
- Can control IPC image parameters setting;
- Multiple playback modes, fast forward, fast rewind, and other functions;
- Support remote monitor and playback via EasyVMS;
- APP HiEasy can be used for remote monitoring and playback of video;

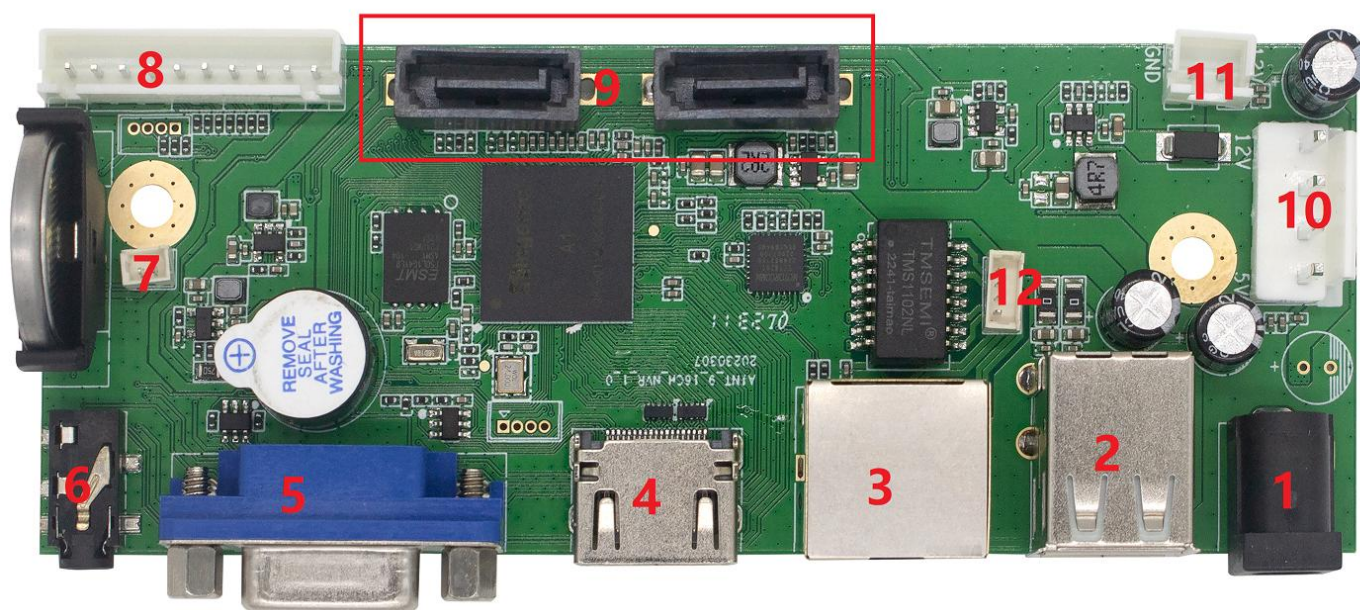
System	
Model	GS-O1-RN104D
Main Chipset	A1N

Operation	Embedded Linux operating system
Interface	
Operation interface	graphical operation interface, support mouse operation
Image display	1/4 screen
Video	
Video access	4ch 4K
Video frame	NTSC@30fps, PAL@25fps
Video output	VGA*1, HDMI*1
Image decoding	H.264/H.265
Area occlusion	Support (need camera support)
Motion detection	Support (need camera support)
Intelligent function	
E-fence	Support, linkage push, large screen, NVR voice alarm and other alarm functions (need camera support)
crossing	Support, linkage push, large screen, NVR voice alarm and other alarm functions (need camera support)
Duty-off detection	Support, linkage push, large screen, NVR voice alarm and other alarm functions (need camera support)
passenger flow statistics	Support passenger flow query (need camera support)
Face capture	Support face capture
	NVR capture: Simultaneously capture 8 people per second, supporting face pixels sizes of 20*20-384*384
Face comparison	Camera capture and Camera comparison mode: Connect 4 facial capture and comparison cameras, allowing full 4 channel comparison; (Face capture and comparison camera: T5AI-F)
	Hybrid mode: Connect 4 ordinary cameras, select 1 channel to enable AI, then capture , and use other channels for ordinary monitoring; Support black and white list comparison function, support multiple rule settings, and can link multiple alarm methods; Supports 1000 faces;
Smart playback	NVR comparison: can compare 2 people simultaneously per second
	Support AI function retrieval and playback; Support for searching videos by personnel name and face images

Audio	
Voice alarm	Set camera voice alarm prompt (requires the camera support voice alarm prompts)
Voice format	G.711U、G.711A、G.726
Audio intercom	Supported, need audio extended board
Audio input	1:1 network audio input according to the number of channels
Audio output	Support HDMI audio output, 3.5mm audio output, 1.25pin connect with loudspeaker sound output
Playback	
Recording method	Timed recording, motion detection recording, manual recording, intelligent recording
Playback channel	1*4K/2*5MP
Record query	Time playback, browsing playback, intelligent event playback, image search and recording
Storage backup	
Video storage	Local hard disk, network
Backup type	USB Portable storage device , U-disk
Remote monitoring	
Mobile monitoring	APP: HiEasy, PC: EasyVMS
Number of remote channels	Up to 32ch previews simultaneously, with up to 8 user connections at the same time;
External Interface	
Video output	1pcs VGA, 1pcs HDMI
Network	1pcs RJ45 100M, self-adaptive Ethernet interface
Alarm	NO
485	NO
USB	2pcs USB 2.0
Hard disk	1pcs SATA 2.0; maximum support 14T
Other	
Pan tilt control	Control PTZ cameras through the network
ONVIF	Support
Power	DC12V 2A
Consumption	≤15W (bare machine)
Working environment	-10℃~+50℃ 10%~95%RH

Size	122mm*46mm(L*W)
Product size/weight	255*43*230mm/1.06kg
Finished product size/weight	345*75*275mm/1.12kg
Outer box size/weight	702*407*295mm/10PCS/12.45kg

Interface definition:



1	DC 12V Inout	2	USB	3	RJ45
4	HDMI output	5	VGA output	6	3.5mm audio output
7	2PIN loudspeaker	8	Panel indicator light	9	SATA
10	HDD power interface	11	12V output	12	Network expansion

Notice:

The content in the manual only provides guidance for users, our company will update

the content in the instructions depending on the product function enhancing or changing, and we will improve or update the software functions described in the manual. The updated content will be explained in new edition manual, without notice.