GS-P236-RN36C Specification

36CH H.265 4K 2HDD NVR

Product technical features

➢ Supports up to 36 channels of 4K access; Support facial capture, facial comparison, and license plate recognition functions;

➢ Facial capture and comparison function:

Front grab front comparison mode:

When the channel mode is 36 channels, 4 T5AI cameras can be connected to achieve the function of capturing and comparing faces in 4 channels. The remaining channels can be connected to other cameras for monitoring purposes;

When the channel mode is 32 channels, 8 T5AI cameras can be connected to achieve the function of capturing and comparing faces in 8 channels. The remaining channels can be connected to other cameras for monitoring purposes;

When the channel mode is set to 25 channels, 25 facial capture and comparison cameras can be connected to achieve the function of 25 facial comparison; Front capture and front comparison camera: H5AI

Post capture and post comparison mode:

Set the channel mode to 25 channels, connect 25 ordinary cameras, select 1 channel to empower AI to support facial capture recognition, and connect the remaining channels to other cameras for ordinary monitoring;

➢ HDMI supports 4K video output;

➢ Optimize resource bandwidth and support 150M access;

➢ Built in face library, capable of storing up to 1000 faces;

➢ Supporting the use of P6S cameras to achieve alarm functions such as human shape detection and vehicle shape detection,

➢ Support facial capture and comparison (using video recorders to empower AI or in conjunction with T5AI cameras);

➢ Support capturing page faces for quick storage and batch import of face libraries;

➢ Support searching videos based on personnel names and facial images; Video recording query is faster and more efficient

➢ Support multiple comparison rules, support linkage video recorder pop-up alarm, voice broadcast and other functions;

➢ Support license plate recognition (in conjunction with T5AI cameras);

➢ Support rapid storage of license plates and recording of unfamiliar license plates;

➢ Support searching videos based on license plates and license plate images;

➢ Support mixed connection of license plate and facial camera;

➢ Support linkage of license plate black and white lists, support linkage of video recorder pop-up alarm, voice broadcast and other functions;

➢ Support speaker interface for on-site monitoring of camera sound; Support 3.5mm audio interface, expandable input and output;

➢ Supports the connection of 2 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;

➢ EasyVMS computer client software can be used for remote monitoring and playback of video recordings;

➢ Remote monitoring and playback of video recordings can be done using the Rui Dr./P6SLite mobile software;
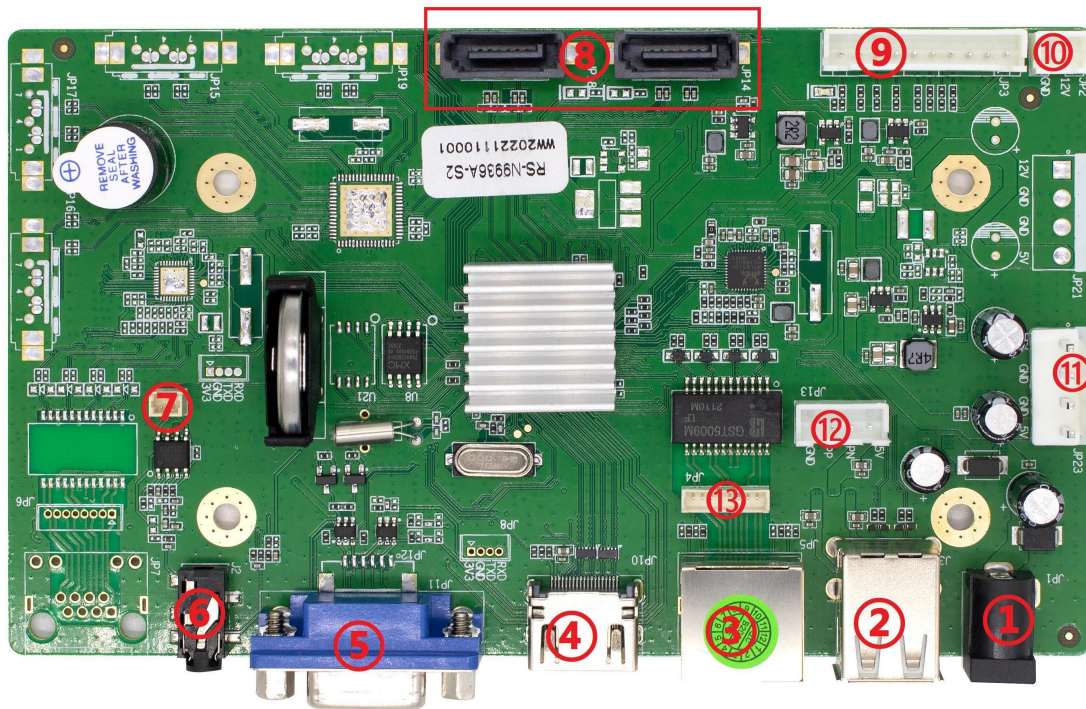
Parameters	
System	
Model	GS-P236-RN36C
Main chipset	A1X
OS	Embedded Linux operating system
Interface	
Operate interface	Graphic operation interface, supporting mouse operation
Image display	1/4/6/9/10/16/25/36 ch
video	
Video mode	36ch 4K
Frame rate	NTSC@30fps，PAL@25fps
Video output	VGA*1, HDMI*1
Image decode	H.264/H.265/H.265+
Regional occlusion	support（needs the support of camera）
Motion detection	support（needs the support of camera）
Intelligent functions	
Electronic fence	Support, can link push notifications, large screen, video recorder voice and other alarm functions (requires front-end camera support)
Cross border detection	Support, can link push notifications, large screen, video recorder voice and other alarm functions (requires front-end camera support)
Off duty detection	Support, can link push notifications, large screen, video recorder voice and other alarm functions (requires front-end camera support)
passenger flow statistics	Support querying passenger flow data (requires front-end camera support)

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Facial capture	Support facial capture function;
	Backend capture: Capture 8 people simultaneously per second, supporting face sizes of 20 * 20-384 * 384 pixels;
Facial comparison	Front grab front comparison mode: When the channel mode is 36 channels, 4 T5AI cameras can be connected to achieve the function of capturing and comparing faces in 4 channels. The remaining channels can be connected to other cameras for monitoring purposes; When the channel mode is 32 channels, 8 T5AI cameras can be connected to achieve the function of capturing and comparing faces in 8 channels. The remaining channels can be connected to other cameras for monitoring purposes; When the channel mode is set to 25 channels, 25 facial capture and comparison cameras can be connected to achieve the function of 25 facial comparison; Front capture and front comparison camera: T5AI Mixed mode: Connect 25 ordinary cameras, select 1 channel to empower AI to support facial capture recognition, and connect the remaining channels to other cameras for ordinary monitoring;
	Backend comparison: can compare 2 people simultaneously per second;
	Supports black and white list function, supports multiple rule settings, and can link multiple alarm methods;
License plate comparison	Support license plate comparison function (in conjunction with T5AI);
	Support license plate storage and black and white list linkage;
	Support querying unfamiliar license plates;
	Support black and white list function, support black and white list linkage alarm;
Number of license plates/face databases	1000
Alarm	Support NVR alarm pop ups, support NVR voice broadcast linkage, and support NVR intelligent recording; Support searching videos with facial/license plate images, search videos with names/license plate numbers, and upload images via USB to search videos;

audio

voice alarm	The voice alarm prompt can be set (the camera needs to support the voice alarm prompt)
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	Timing recording, motion detection recording, manual recording , intelligent
Number of playback channels	4-channel 4K playback/4-channel 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	P6SLite
computer monitoring	VMS client remote monitoring
external interface	
video output	1 VGA, 1 HDMI interface
Network Interface	1RJ45 100/1000MB adaptive Ethernet interface
Alarm interface	none
485 interface	none
USB interface	2 USB 2.0 interfaces
Hard disk interface	2 SATA 2.0 interfaces; each SATA interface supports a maximum capacity of 8TB
other	
PTZ control	Control the camera with PTZ device through the network
ONVIF	support
power supply	DC12V 5A
power consumption	≤ 15W (without HDD)
working environment	- 10C~+50C 10%~95%RH
size	152mm*90mm (L*W)
Product size/weight	330*255*53mm/1.16kg
Finished	445*300*85mm/1.42kg

product size/weight	
Outer box size/weight	457*445*621mm/10PCS 15.2kg

Interface definition：

1	12V input	2	USB interface	3	RJ45 network gigabit (standard)
4	HDMI output	5	VGA output	6	3.5mm audio output
7	2PIN speaker interface	8	SATA hard drive interface	9	Panel indicator light interface
10	12V output	11	Hard disk power interface	12	USB expansion interface
13	Network Expansion Interface				

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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.