

Android/iphone APP (automatic recognition download)

Pls search “安眼 or Secureye in the Andriod market or store



Android APP APK downloads:

http://www.zwcloud.wang/p2p_direct_anyan.html

<https://secure. anyan. com/client/APP/ay/android/ay/safeeye. apk>

ISO APP APK download: <https://appsto.re/cn/Zmml5.i>

VMS+ Search Tool download 160331: <http://pan.baidu.com/s/1cp0RJc>

<RS-H6 series products information_160331>: <http://pan.baidu.com/s/1i5IsRpr>

<Products updated software_160401>: <http://pan.baidu.com/s/1o76xd6i>

Shenzhen Ruision Technology Co., Ltd

RS-H6 Series IPC Specification

1、Products Name: HD-IP camera modules

2、Model No.:

Model No.	Items	Working current	Resolution	Function
RS-H612-A0	GK7102+1045	105mA	1MP/720P	Can add active audio input and output, one-way audio, Support POE12V/M12 20mm pitch/Low consumption/6000V lightning protection/ IP self-adaption/ Web language self-adaption(Chinese and English)/One-key P2P/ AVI format recording/ROI image enhancement, 3D-NR/D-WDR,etc
RS-H613L-A0	GK7102+H42	107mA	1MP/720P	
RS-H613H-A0	GK7102+1035	115mA	1.3MP/960P	
RS-H613-A0	GK7102+0130	118mA	1.3MP/960P	
RS-H613A-A0	GK7101+2035	123mA	2MP/1080P	Active audio input/output, one-way audio, Support POE12V/M12 20mm pitch/Low consumption/6000V lightning protection/ IP self-adaption/ Web language self-adaption(Chinese and English)/One-key P2P/ AVI format recording/ROI image enhancement, 3D-NR/D-WDR,etc
RS-H617-C0	GK7101+322	152mA	2MP/1080P	
RS-H618-A0	GK7101+2710	172mA	2MP/1080P	
RS-H627-A0	GK7101+323	152mA	2MP/1080P	
RS-H623L-A0	GK7101+1045	142mA	1MP/720	With all features aboved, and it also Support TF card(Micro SD Card) Max 64GB,Onboard clock circuit + battery(Time saving when power off) External USB Wifi Module/2CH alarm input/1CH alarm output
RS-H623-A0	GK7101+0130	145mA	1.3MP/960P	
RS-H621-A0	3516D+4689	170mA	4MP/1080P	H.265/4MP/Besides, support TF card (Micro SD Card) Max 64GB,Onboard clock circuit + battery(Time saving when power off) External USB Wifi Module/2CH alarm input/1CH alarm output

3、Technical Characteristics:

3.1、ONVIF 2.4, P6S private protocol, Compatible with all brands NVR via Onvif, Web Language self-adaption(Chinese and English)

3.2、IP self-adaption: Match to the same network segment automatically according to NVR, easy to add.

3.3、Level four lightning protection, pass standard lightning protection tests, such as: ITU-T K.21-2008, IEC61000-4-5, IEC61000-4-2

3.4、Power/Network interface dual lightning protection, Pass standard tests: 10/700μs, different mode: 2000V、common mode :6000V

3.5、Network interface adopts professional ESD anti-static design, pass the test of electrical discharge and noise immunity testing (Contact discharge 4000V, air gap discharge 6000V)

3.6、Support motion detection, Privacy (4 areas setting)、3D-NR、D-WDR etc. And all kinds of mirror modes

3.7、Support TUTK and ULK P2P, Default is ULK P2P

Shenzhen Ruision Technology Co., Ltd

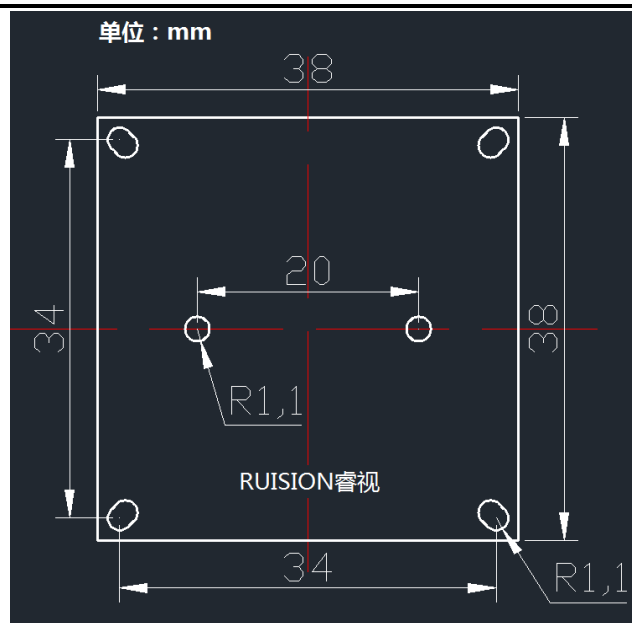
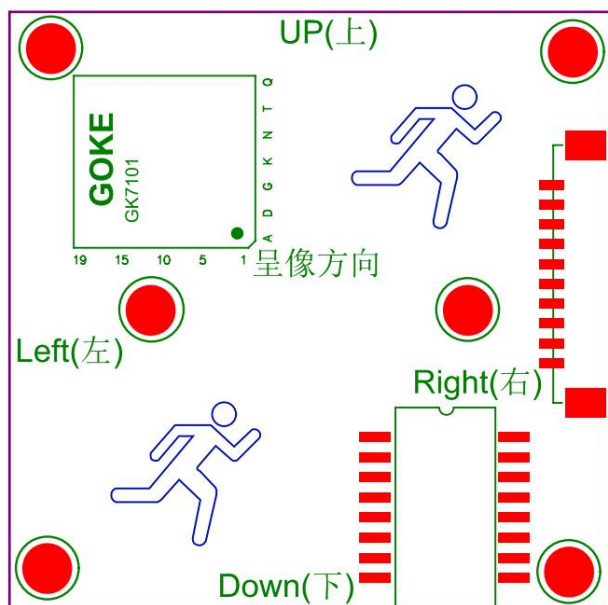
- 3.8、 Support QR code (P2P UID) scanning, one-key P2P, easy to operate.
- 3.9、 Support ROI image enhancement, various image color modes, and brightness adjusted automatically according to the scene.
- 3.10、 Support dynamic rate adaptation, rate can be adjusted according to the scene to save storage, recording format is AVI
- 3.11、 Support bad point correction, and you can correct the lens distortion through software, image will be better and more excellent
- 3.12、 Support active audio input, Font of channel name(OSD) can be changed, and display position can be dragged arbitrarily.
- 3.13、 One-click remote via CMS, Plug and play, Reboot automatically after power off/sudden failure
- 3.14、 Streams are optional, users can choose the stream and adjust the resolution, frame and video quality.
- 3.15、 Intelligent IP fixed function,(After connecting with NVR more than 6 hours at DHCP, IP address will be fixed automatically)
- 3.16、 Input and output configuration parameter, support network static allocation/DHCP, Software upgrade
- 3.17、 Support one-way audio and talkback (default is closed), Support playback of IE data search (local record search)
- 3.18、 Support video stream and complex stream, support customized video recording configuration

4、 Product advantages:

- 4. 1、 ROHS, export standard, comparing with other products, image is better, ultra-low consumption, easy operation and more intelligent.
- 4.2、 OSP PCB, anti-corrosion, cost-effective
- 4.2、 With aluminum heat sink, heat-resistant, working temperature is lower, and it won't crash at high temperature.
- 4.3、 Pass professional lightning tests, such as: ITU-T K.21-2008,IEC61000-4-5、 IEC61000-4-2, Level 4lightning protection

5、 Products structure (mm)

Shenzhen Ruision Technology Co., Ltd



6、Matched **NVR** (P6S private protocol docking) :

Model No. : RS-N9204-A0(4CH) / RS-N9208-A0(8CH)

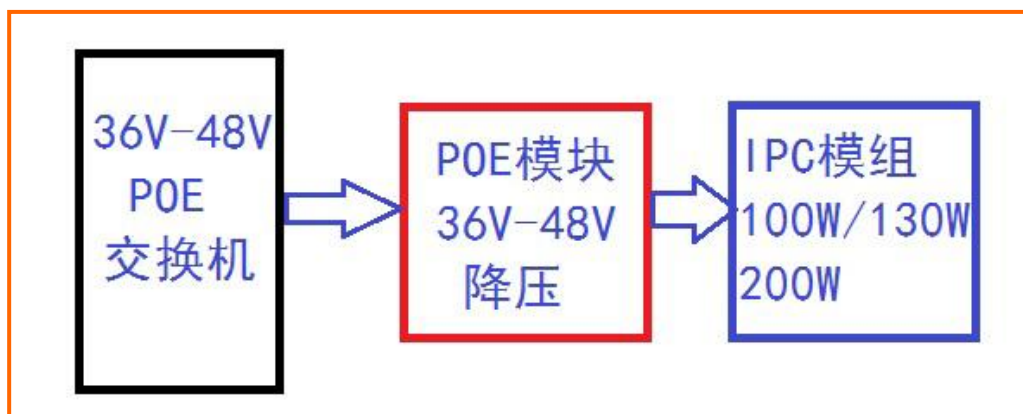
Technical Characteristics:

5. 1、 Support engineer modes; when the devices needs to be test or used in some special occasions, it can work normally in a limited time, once it exceeds the setting time, part of or full functions will be invalid unless you input the activation password to use in a certain time or forever using
- 5.2、 Smart search function: Playback recording intelligent blind scan function (dynamic zoning motion time searching, face/car plate/ even smart search
- 5.3、 Support remote upgrading: Upgrade IP modules via ONVIF protocol or private protocol on NVR to avoid the inconvenient operation from CMS or PC.
5. 4、 Small screen supports main stream display, which can solve the blur problems of small screen. Various modes can be supported in one NVR, self-adaption different IP modules with different resolution to take full advantages of NVR network resources.
5. 5、 Strong comprehensive connection function, not only can search the IP modules in different network segments, but also can change IPC's basic parameters crossing segments, support modifying ISP parameters on NVR.

Shenzhen Ruision Technology Co., Ltd

- 5.6、Support 9 channels playback simultaneously, AVI backup, Zoom in and Zoom out the time axis by mouse wheel, playback detail will be more precise .
- 5.7、Support 5 different languages and free to reboot after changing languages, only needs to wait 5 seconds
- 5.8、Unique and advanced Taiwan TUTK P2P technique, with 99% penetration rate, s table and common, Customers owning P2P server is supported
- 5.9、Seamless joint with many IPC private protocol, plug and play connecting with Ruision Goke IP modules, image showed immediately after power on, free to setup searching.

7、Module POE power connection diagram (mm)



Shenzhen Ruision Technology Co., Ltd

8、Parameter

Model No.	RS-H613/H613H-A0	RS-H613L/H612-A0	RS-H617/H618/H627-A0
DSP	GK7102	GK7102	GK7101
Sensor	AR0130/SC1035	H42/SC1045	322/2710/323
DDR	512MB	512MB	1G
Resolution	1280*960	1280*720	1920*1080
Effective pixels	1.3MP	1MP	2MP
Compressed format	Video H.264、audio (the default is G711U)		
Fram Rate	1-25fps(minimum frame rate is 1fps)		
Main stream	HD stream resolution 1280*720 to 1280*960	HD stream resolution 1280*720	HD stream resolution 1280*720 to 1920*1080
Sub-stream	SD stream resolution CIF/640*360	SD stream resolution CIF/640*360	SD stream resolution CIF/640*360/D1
IR-CUT	AGC Type, the switched filter function to gain the excellent surveillance both day and night.		
ONVIF version	Support ONVIF 2.4		
Minimum illumination	0 LUX (IR ON)		
BLC	AUTO		
Gain control	AUTO		
Adjustment	3D-NR, BLC, mirror, Auto white balance/ WDR/ Night vision optimization-open or close, contrast ratio/ brightness/ saturation/ sharpness adjustment, scene and day-night switch options, Anti-flash mode、Aperture Type, Exposing time, Gain debugging		
Audio/video synchronization	If input active audio, set as complex stream, Audio and video is included in the record file		
Record Mode/plan	Manual record, take hour as a cycle, 5 min、10 min、15 min、30 min、60 min as unit, Support loop record		
Record overlap OSD	Open/ hide for date, time, channel name; adjustment of display's position, font and size		
Record storage	VMS /IE browser, PC storage		
Alarm Joint	Capture after recording or alarm, alarm sound will be played		
Motion detection	Open/Close, alarm out to VMS after motion detection/alarm email sending/ matched Sensitivity setting/ detection area chosen		
Alarm output	alarm out to VMS/alarm email sending can be set, Alarm record is open		
Video shelter	Support video shelter-open or close, The shelter area can be chosen by mouse freely (any 4 arbitrary areas)		
Network	Support static IP/ IP acquired automatically /Dial-up access (Default DHCP is open、IP Self-adaption)		
Protocol	HTTP, TCP/IP, IPv4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, IP Search		
IP search Tool	《Easy TOOL》 or 《Test tool》 is provided, network parameters can be set on this tool		

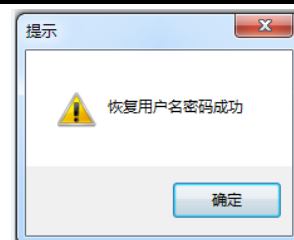
Shenzhen Ruision Technology Co., Ltd

Web language	Support simplified Chinese, Traditional Chinese, English (language is self-adaptive by your system)
Web preview interface	support remote view; date/time/channel names are optional; position is adjustable
NTP Timing	Support NTP timing, manual and auto timing
Email service	Alarm trigger by alarm input, motion detection or video losing and send Email, with Encryption, Support variety main emails.
Browser compatibility	Compatible (XP/Win7/Win8) IE10 below/ (64bit and 32bit) and other popular browser
System log	Searching log information by the time and types, you can appoint the date or type to look for the log info. And saved online
System status display	IPC display: RJ45 data to connect indicator light
System maintenance	System upgrading (local upgrading) by 《Easy TOOL》 , reboot device, recovery system
User management	System administrator / general user, 2 levels of management
User authorization	The system administrator has the highest rights who can operate and allocate setting rights to the general consumers
System time	Network Timing/ manually setting
Reset	Support device reset system (factory default) 【operate via web or client software】
remote access	VMS /Android app/IOS app
App	Android/IOS
Network port	10/100M Ethernet
External extended function	7101+1045/0130 full functional board support TF card、 External USB wifi module/2CH alarm input/1CH alarm output
Board size	38(L)*38(W)*13.5mm(H) single board
Working power	DC12V-18V input, support POE power-on (POE module needed)
Working current	For detail, pls refer to current diagram on page 2
Main Chipset Temperature	The temperature of heat sink's sureface 52℃-60℃
Working environment	-20℃---55℃

9、Product's password reset:

9.1、Download password reset tool, open the software- (input the module's IP address which you need to reset) , -click (Reset password) , when“reset password is success' is shown, then it's ok: User name: admin+ Password: is blank to log in

Shenzhen Ruision Technology Co., Ltd



Password reset tool download:

<http://www.ruision.cn/Private/ProductFiles/32569f89d9de7ce9244e.zip>

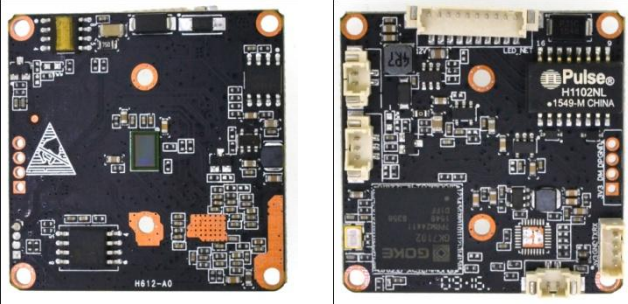
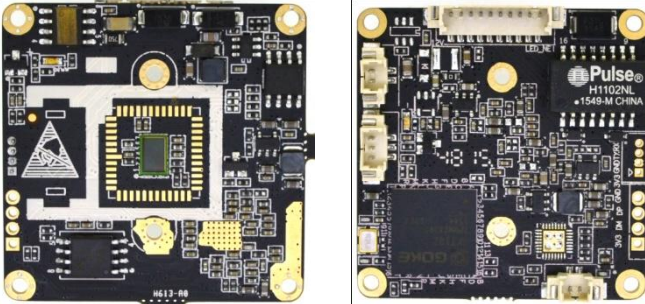
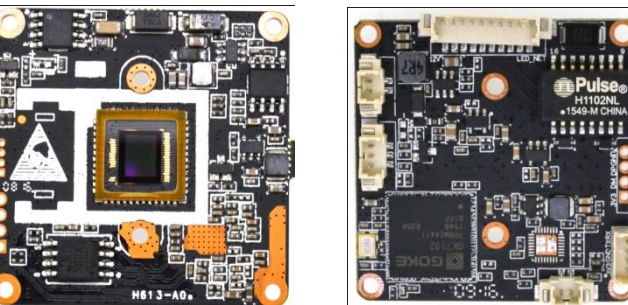
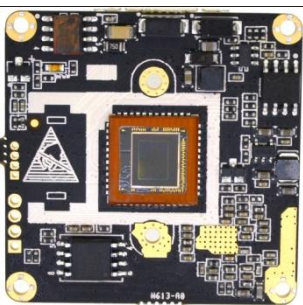
9.2、Except that, you can also restart the device remotely and factory default function via this tool.

10、Product's audio function description:

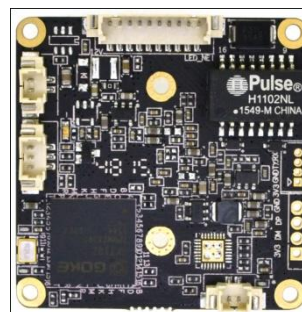
10.1、The default for 1MP/1.3MP modules is without audio input or output

10.2、The default for 2MP modules is with audio input, By adding IC to support audio output.

11、Product's picture

GK7102+1045 (RS-H612-B0)	GK7102+H42 (RS-H613L-A0)
	
GK7102+1035 (RS-H613H-A0)	GK7102+0130 (RS-H613-A0)
	

Shenzhen Ruision Technology Co., Ltd

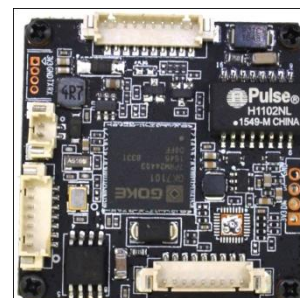
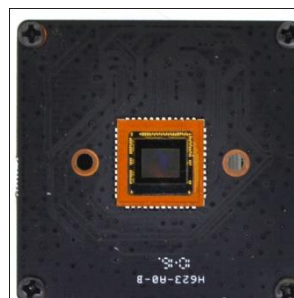
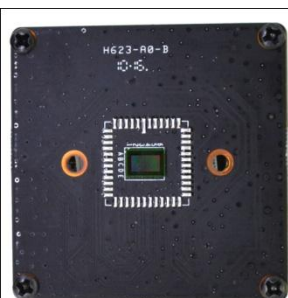


GK7101+1045

(RS-H623L-A0)

GK7101+0130

(RS-H623-A0)

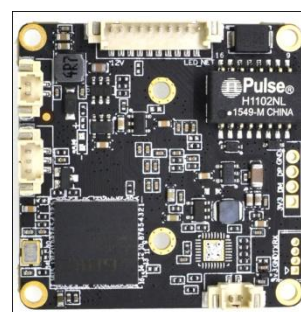
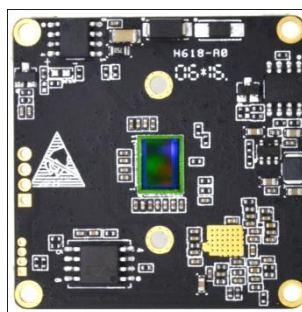
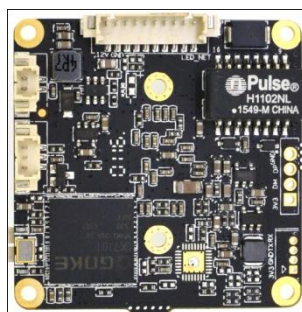


GK7101+322

(RS-H617-C0)

GK7101+2710

(RS-H618-A0)

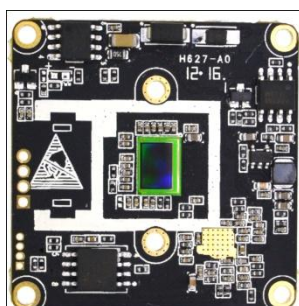


GK7101+323

(RS-H627-A0)

3516D+4689

(RS-H621-A0)

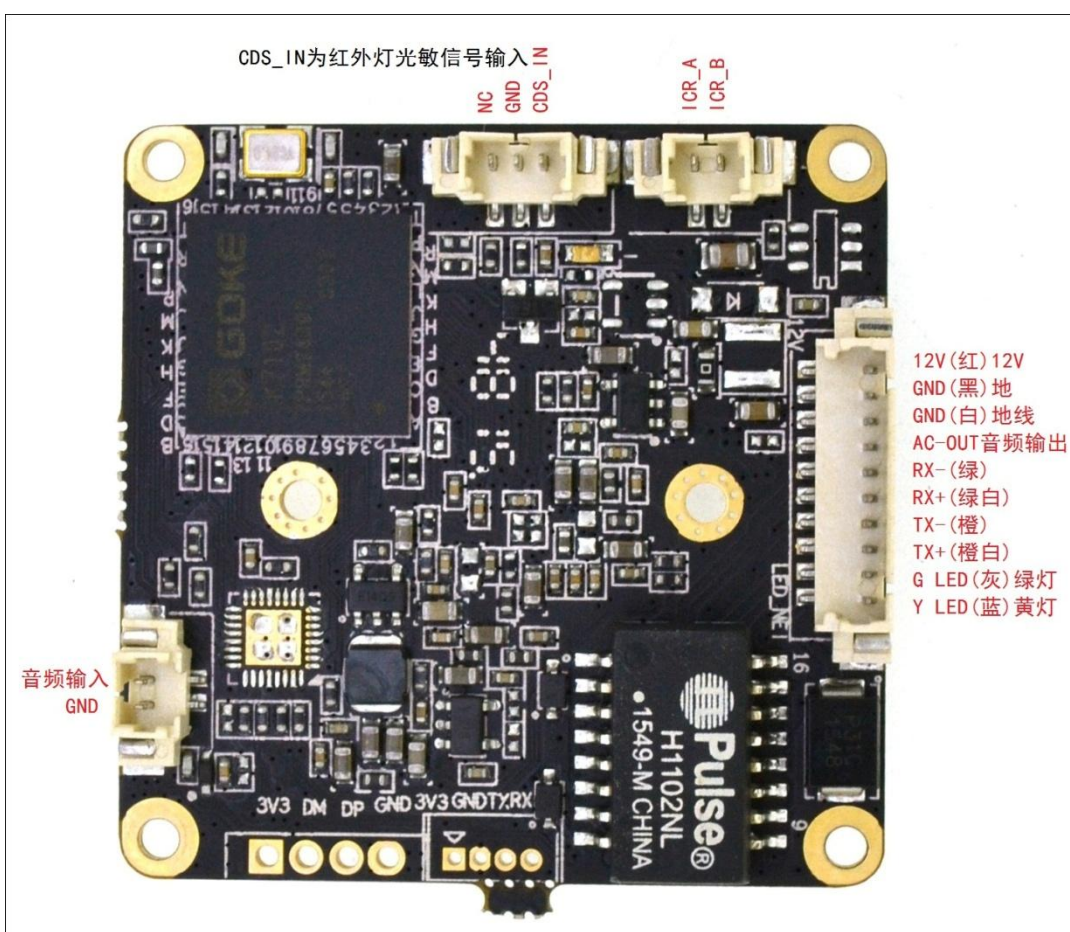




12、Products diagram

(1) GK7102+1045 diagram (RS-H612-A0 series)

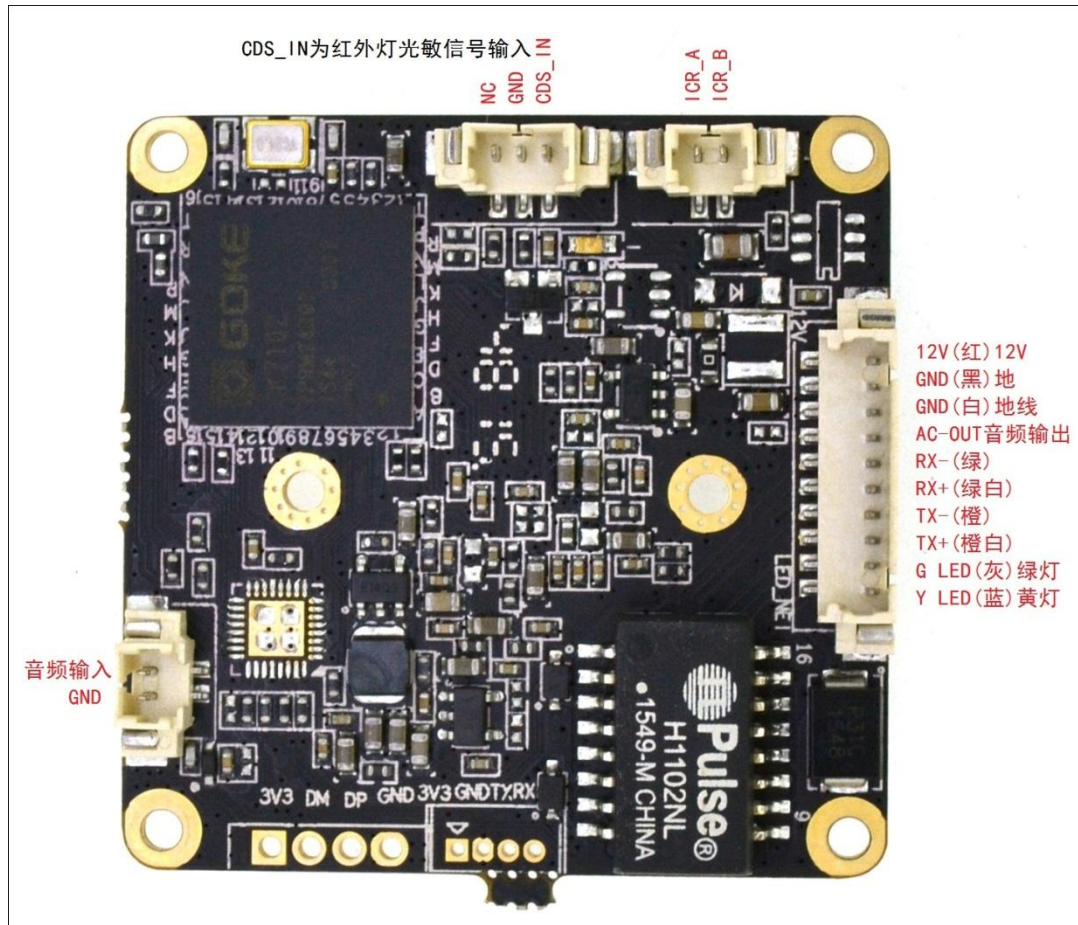
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



Shenzhen Ruision Technology Co., Ltd

(2) GK7102+H42/1035/0130 diagram (RS-H613L/H613H/H613-A0 series)

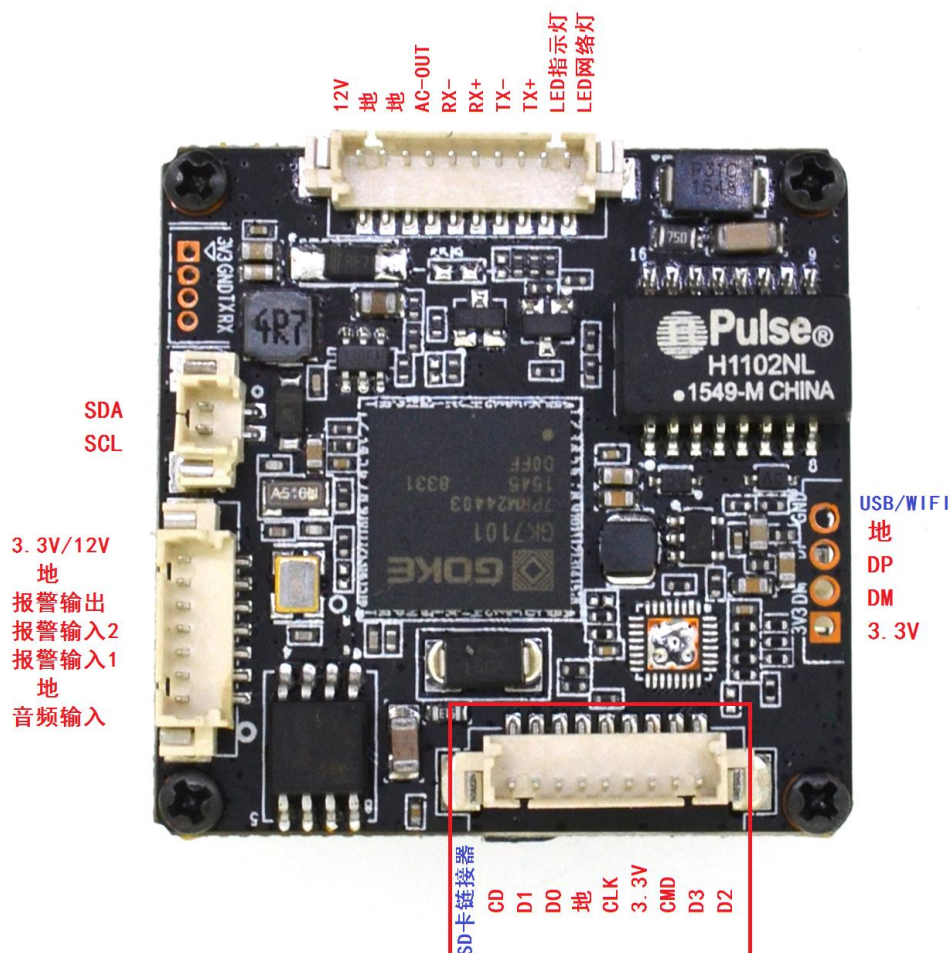
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



(3) GK7101+1045/0130 (double board) diagram (RS-H623/623L-A0 series)

Shenzhen Ruision Technology Co., Ltd

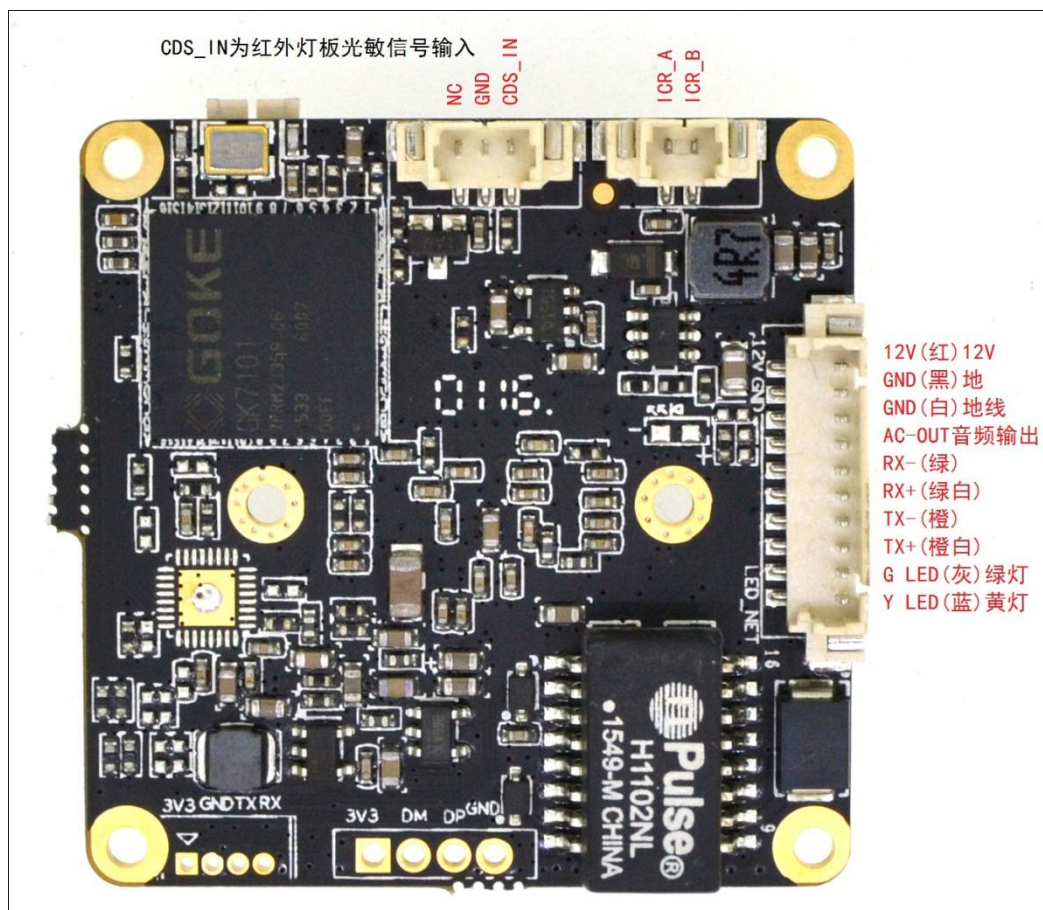
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



(4) GK7101+322 diagram (RS-H617-C0 series)

Shenzhen Ruision Technology Co., Ltd

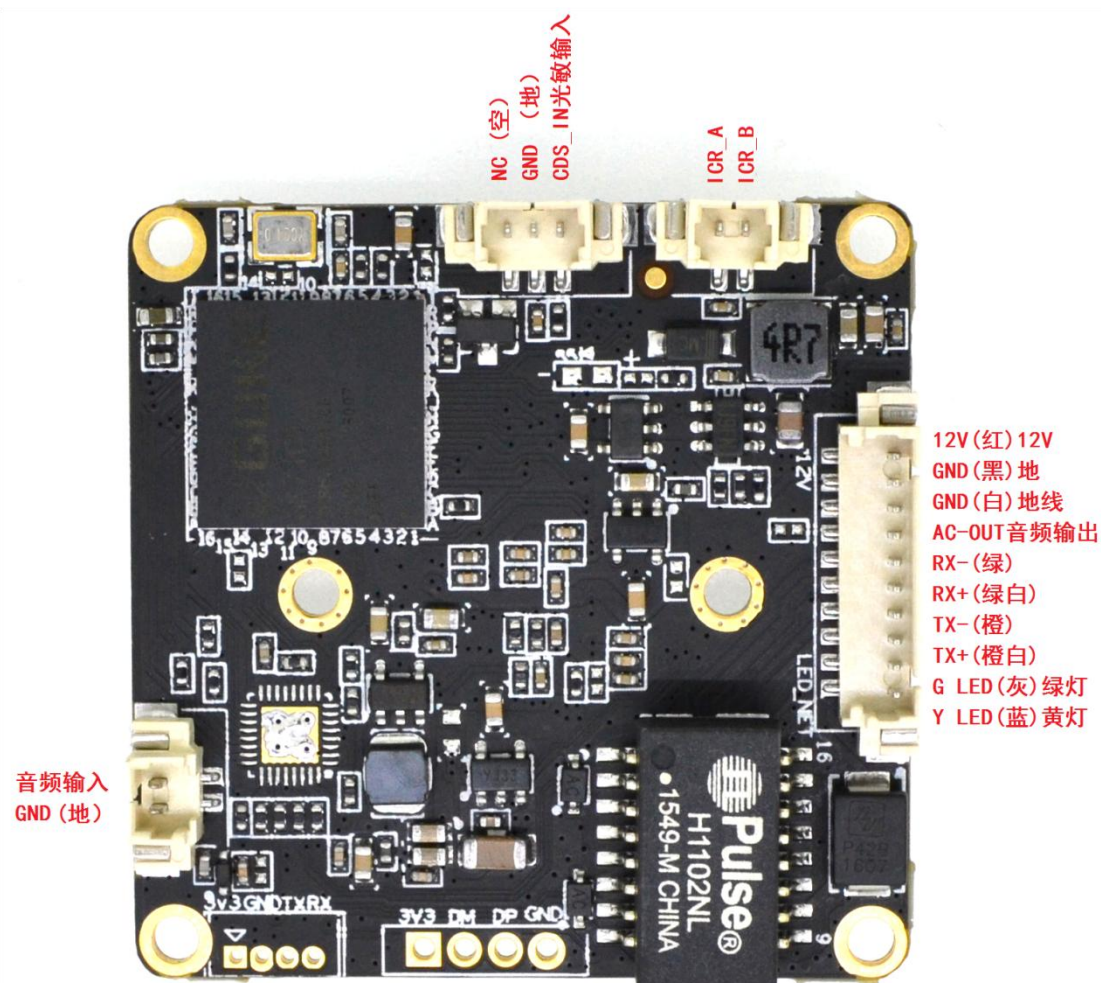
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



(5) GK7101+2710 diagram (RS-H618-A0 series)

Shenzhen Ruision Technology Co., Ltd

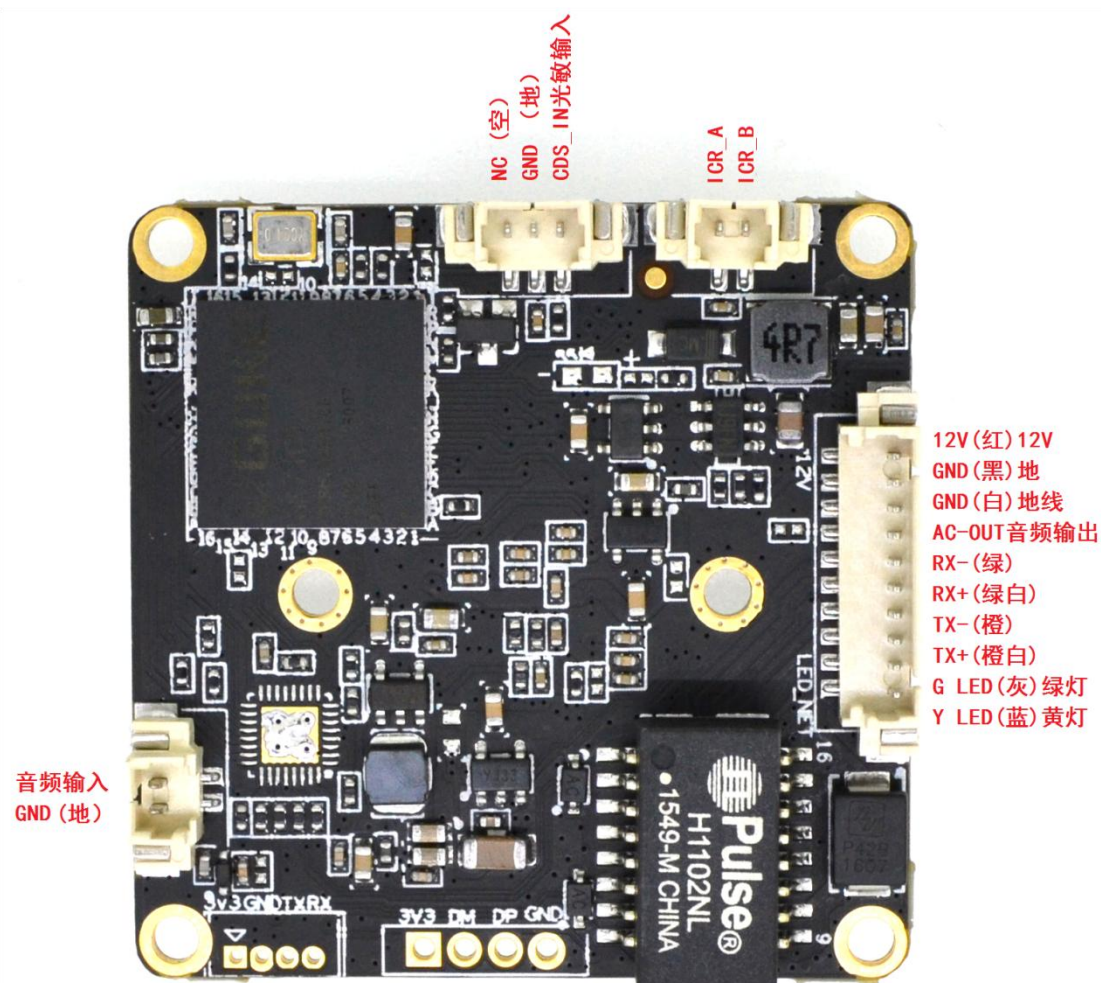
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



(6) GK7101+323 Diagram (RS-H627-A0 series)

Shenzhen Ruision Technology Co., Ltd

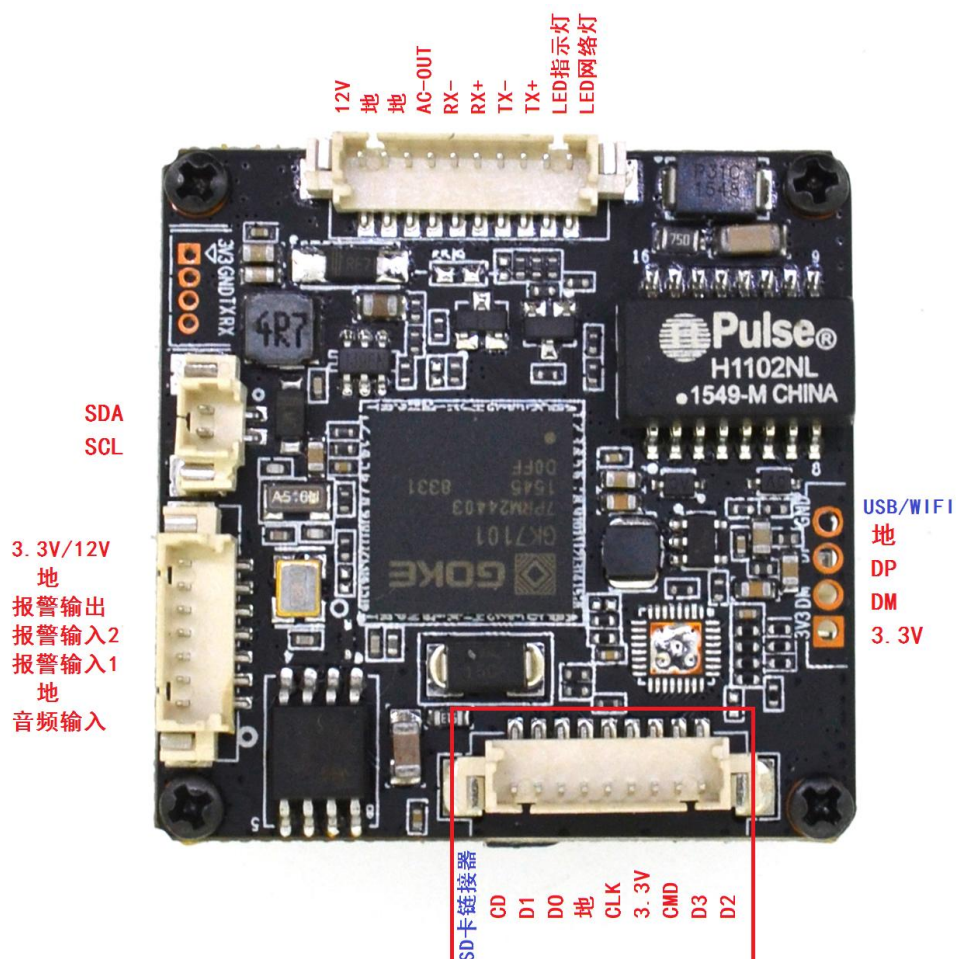
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



(7) 3516D+4689's diagram (RS-H621-A0 series)

Shenzhen Ruision Technology Co., Ltd

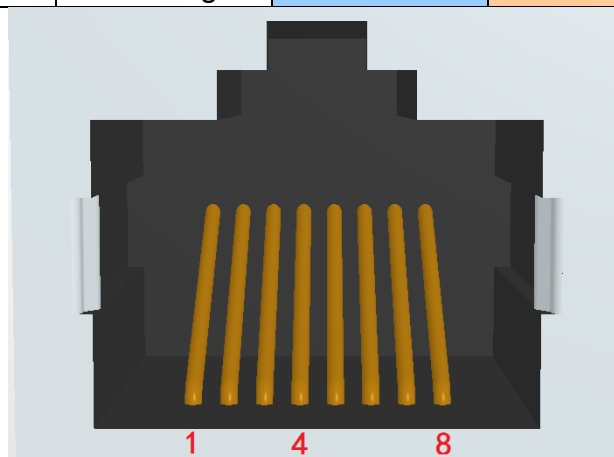
Network interface specification:	1.25*10pin
ICR interface/Audio input interface:	1.25*2pin
CDS_IN:	1.25*3pin
IR-CUT description: ICR_B: + (Red) , ICR_A: - (Black)	



Network cable definition

Shenzhen Ruision Technology Co., Ltd

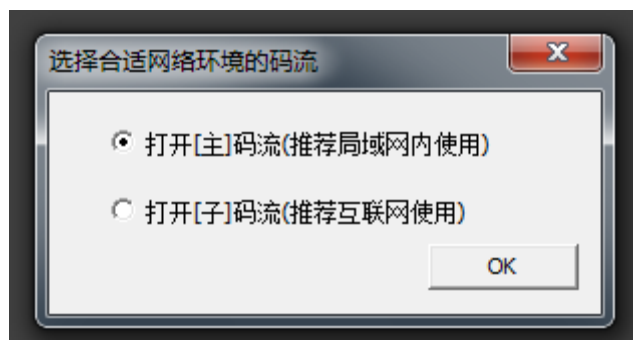
All kinds of RJ45 cables definition						RJ45 network definition	
No.	Function	Type A	Type B	Type C (with audio)	Remark	No.	Function
1	+12V	Red	Red	Red	Power	1	NC
2	GND	Black	Black	Black		2	NC
3	AC GND			White	Audio GND	3	RX-
4	AC-OUT			Yellow	Audio out	4	NC
5	RX-	Green	Green	Green	Network	5	NC
6	RX+	Green-white	Green-white	Green-white		6	RX+
7	TX-	Orange	Blue	Blue		7	TX-
8	TX+	Orange-white	Blue-white	Blue-white		8	TX+
10	G LED Green light	Grey	Purple	Purple	Power indicator	See the following picture	
9	Y LED Yellow light	Blue	white	brown	Network light		



13、IE interface (Take GK7102+0130 for example)

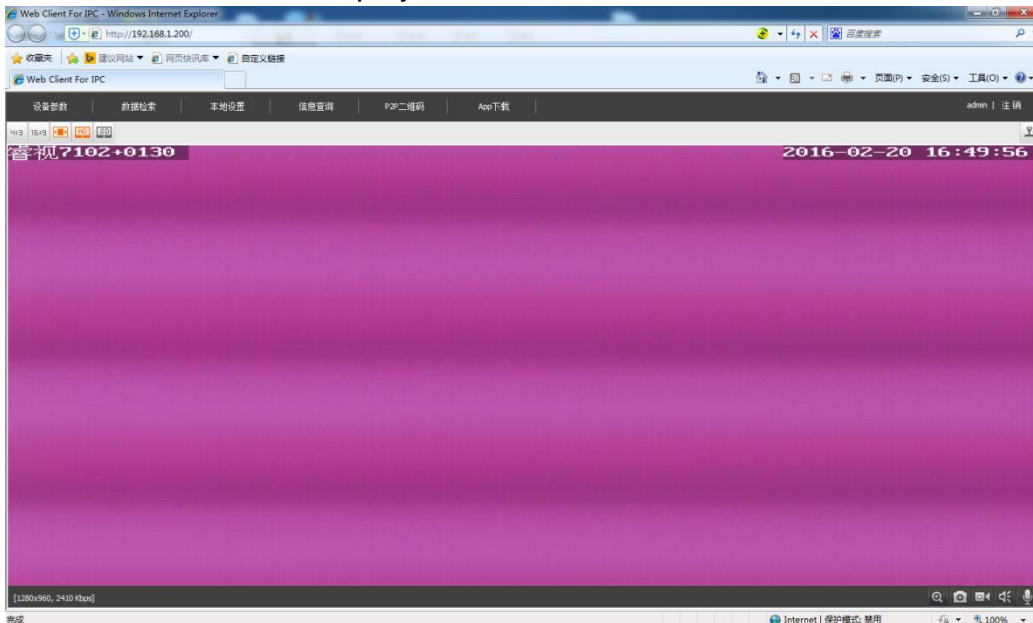
Pic 1- User name: admin password is null

Pic 2- Choose stream of preview



Shenzhen Ruision Technology Co., Ltd

Pic 3- Main interface display



Pic 4-Region Zoom/Screenshot/Record/Audio/Talkback

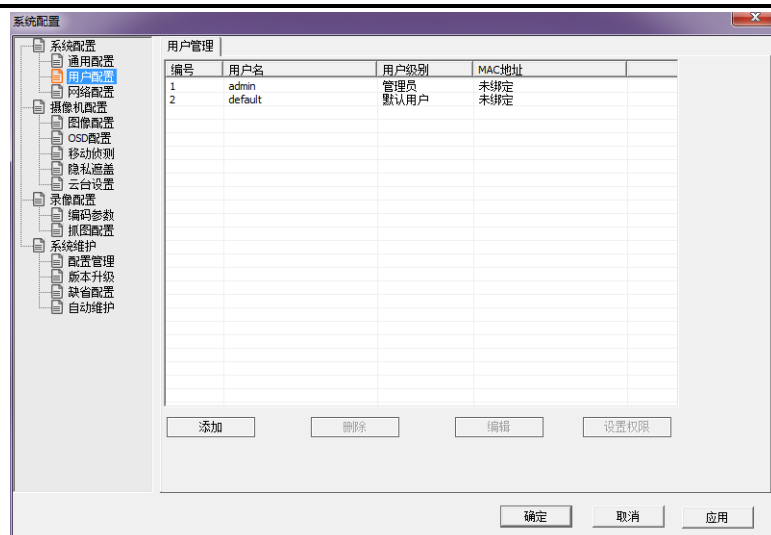


Pic 5-System configuration

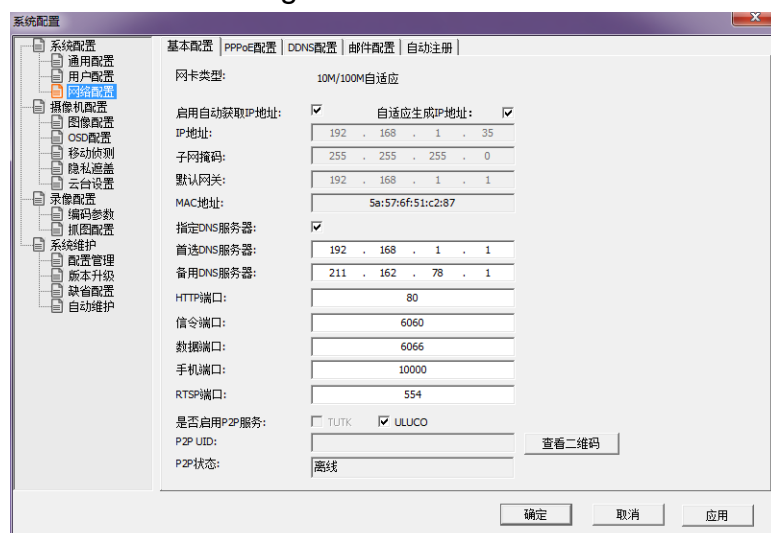


Pic 6-User configuration

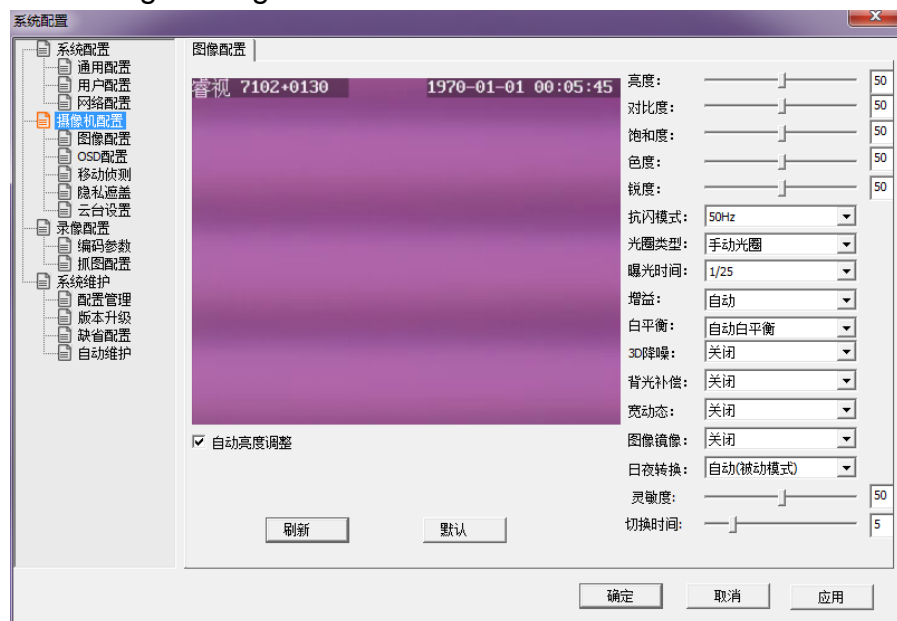
Shenzhen Ruision Technology Co., Ltd



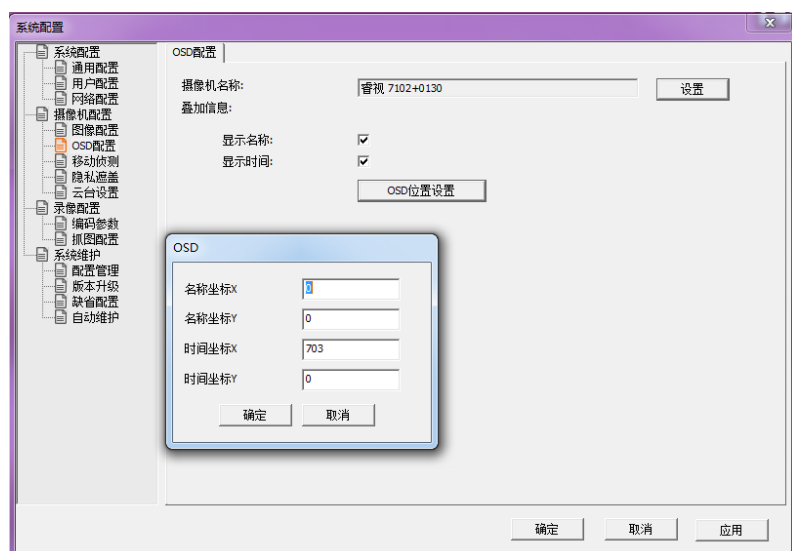
Pic 7-Network configuration



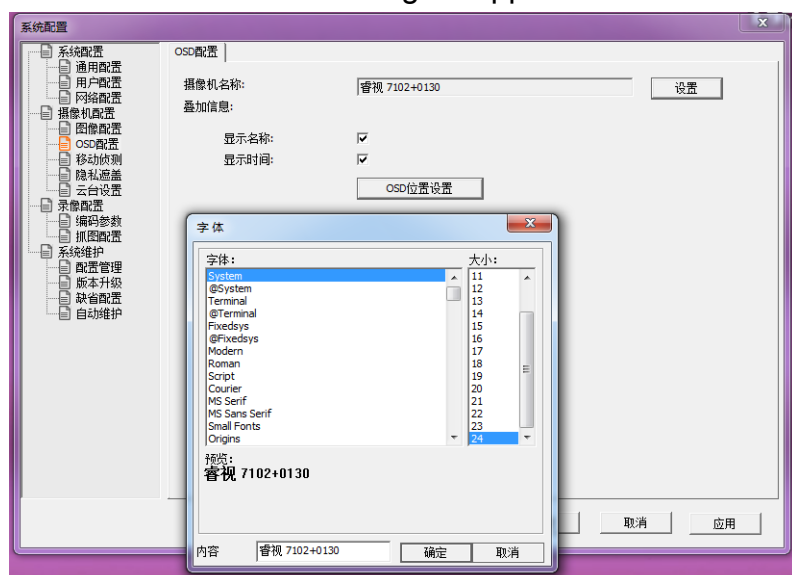
Pic 8-Image configuration



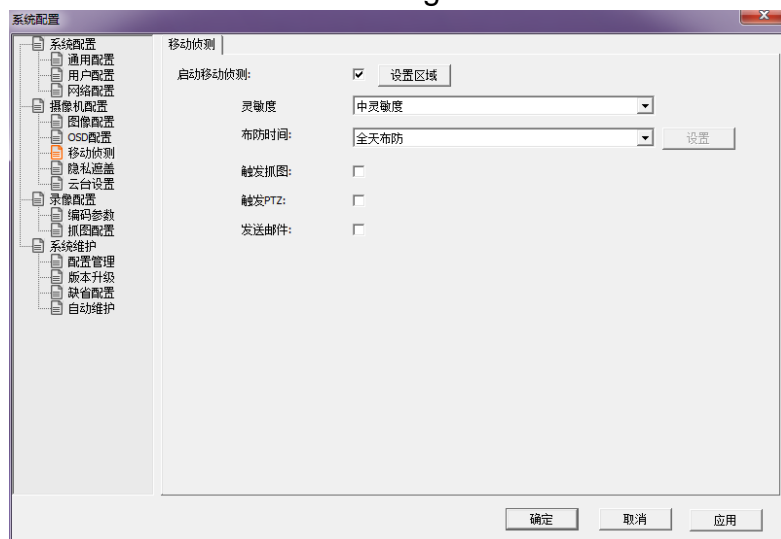
Pic 9- Channel OSD configuration



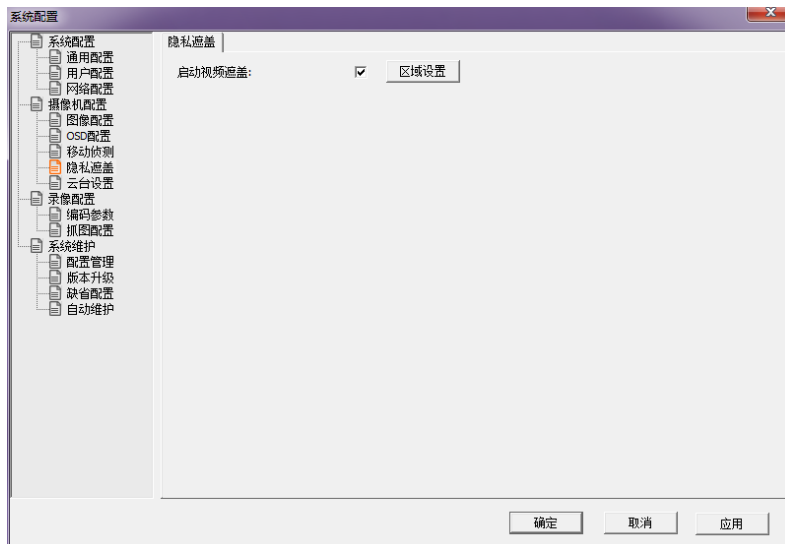
Pic 10- Channel's font setting (Support 20 font)



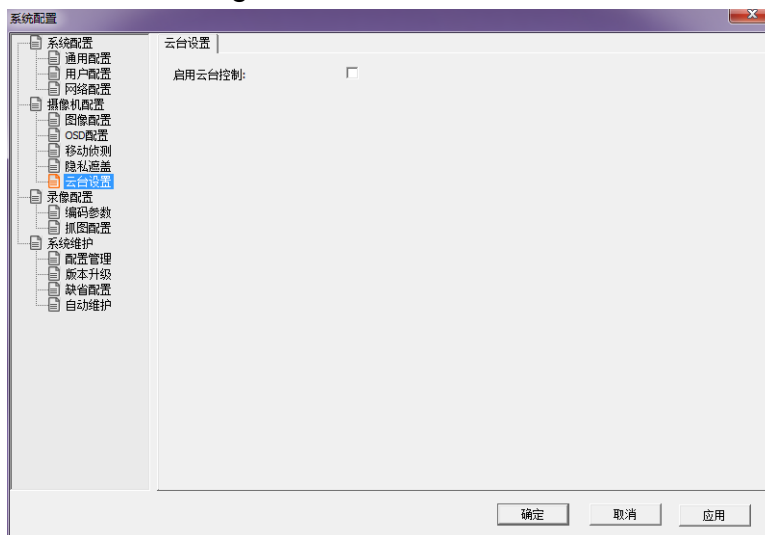
Pic 11-Motion detection setting



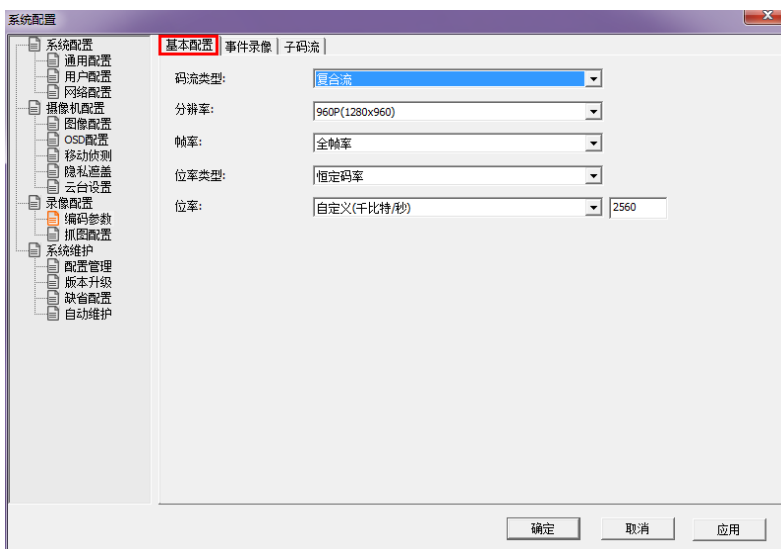
Pic 12-Privacy setting



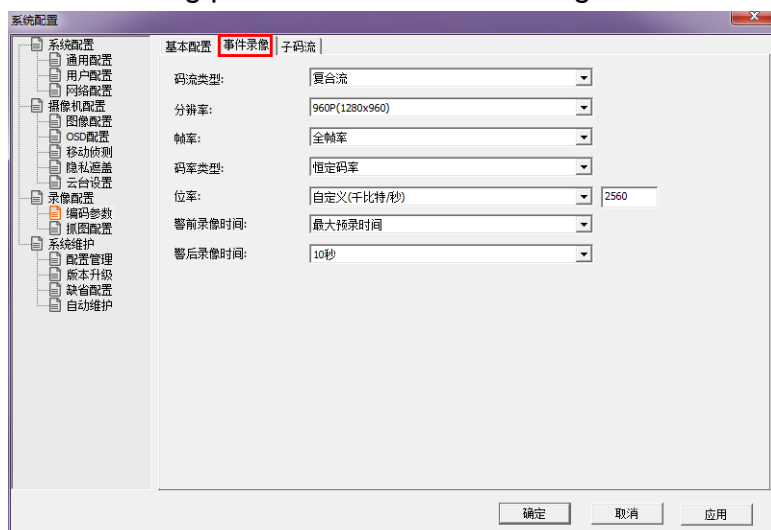
Pic 13-PTZ setting



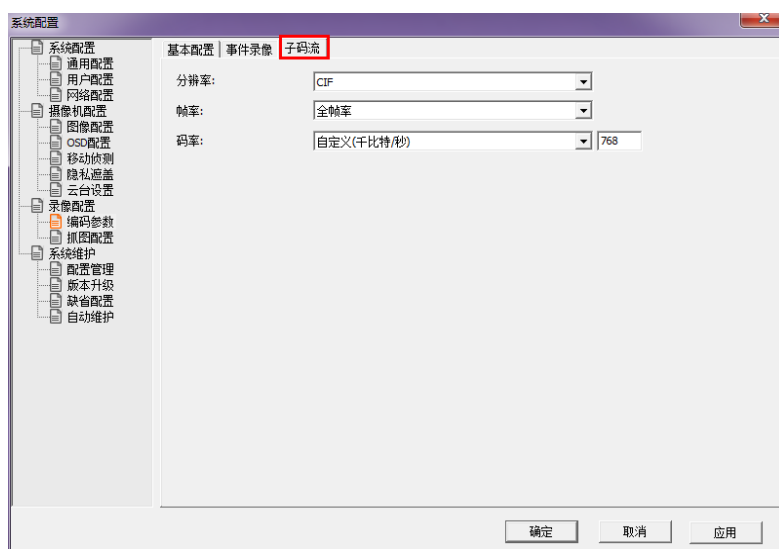
Pic 14-Coding parameter-Basic configuration



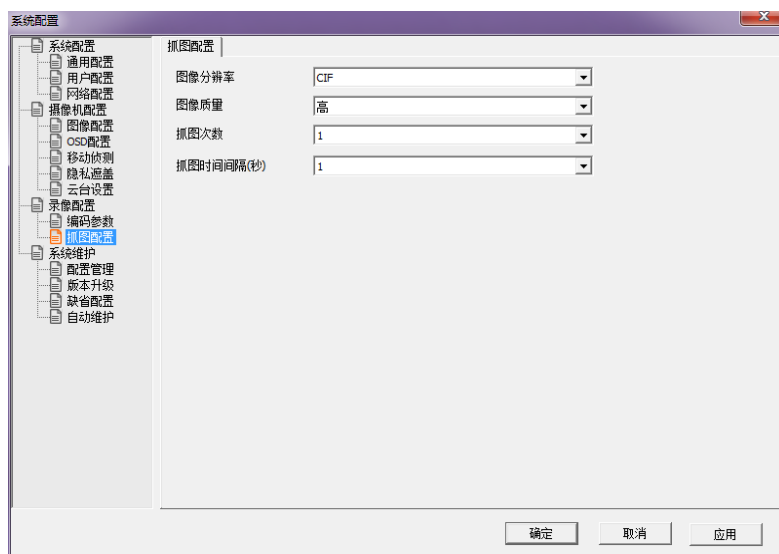
Pic 15-Coding parameter-Event recording



Pic 16- Coding parameter –Sub-stream setting



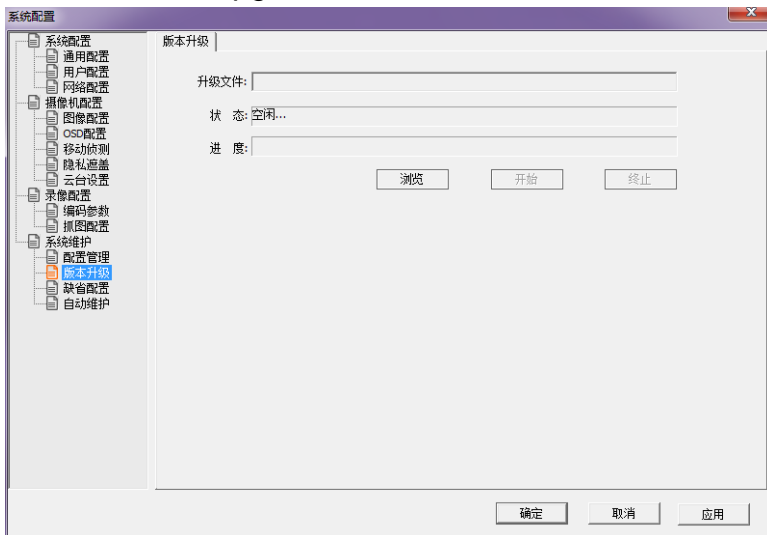
Pic 17-capture configuration



Pic 18-System maintenance-Configuration management



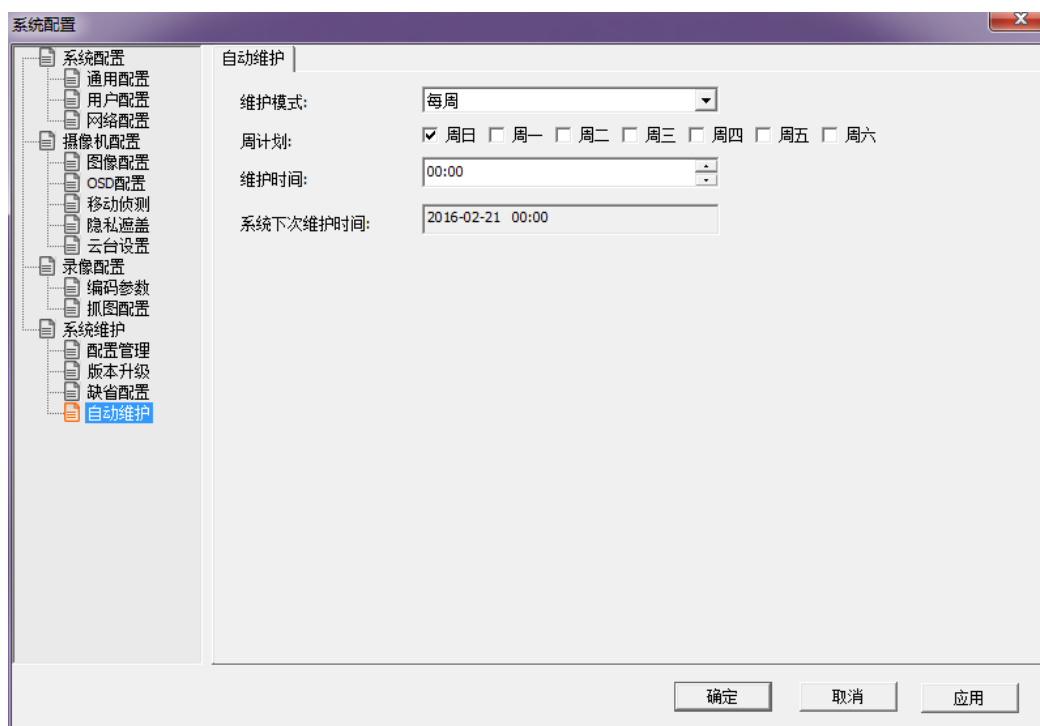
Pic 19-Version upgrade



Pic 20-default configuration



Pic 21-Automatic maintenance



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.

Shenzhen Ruision Technology Co., Ltd

14、 Contact us:

SHENZHEN RUISION TECHNOLOGY CO.LTD

Tel: (086) 0755-33296922/33/38/39/40 Fax: (086) 0755-33296934

Website: www.ruision.cn / www.ruision.com Email: info@ruision.com

Address: 2/F, Building B, Zhongpo Industrial park, No.7 Dongpo Road, Bantian, Longgang District, Shenzhen, China.

Pacific Booth:

Booth Add: 1B 555, Pacific Security Market, Huaqiangbei, Futian District, Shenzhen.

Booth Tel: (086) 0755-82778606

Official Wechat: szruision

