

## GS-U1-RH04G



### Features

- 5 in 1 HVR product solution, supports HD analog video coding, HD analog + HD network video input, and pure HD network video input
- Support VGA、HDMI output;
- Support a variety of cloud technologies, realize network penetration for camera and DVR docking, and support the functions of pushing alarm information to mobile phones
- Support remote access, DDNS to realize one-key remote monitoring;
- With UTC function, camera menu parameters can be adjusted via UTC function ;
- Support H.264/H.265(HEVC) IP camera
- Support IP camera address modifying in bulk, and camera device added remotely ; Support AHD/TVI/CVI/CVBS/IP 5-in-1 and self-recognition
- Can connect with mainstream IP camera brands in the market(private protocol or Onvif) ;
- Support other third-party products based on ONVIF2.4 (IP mode) ;
- Support VGA、HDMI simultaneous display, Max resolution is up to HDMI 1080P.
- Record playback can be shown by time, record type showed by color, to search and retrieve conveniently and efficiently ;
- Record backup can be arranged according to the time and duration, accurate to seconds ;
- Preview screen can be exchanged randomly. Picture position changed without physical address changing, it's convenient for construction
- Support multiple languages
- Provide mating Web 、CMS SDK service ;
- Support multiple playback modes: fast forward, slow playback, fast reverse, etc. Max 16 times fast forward or fast reverse
- Support WEB、VMS, support android/IOS mobile system
- Support P2P, QR code scanning, and playback via APP

## Technical Specification

System	Main processor	MC6630
	Operation system	Embedded LINUX operation system
	System resources	Multichannel real time record
		Multichannel real time playback
		multichannel multi-user on network operation
Interface	Operation system	graphic menu operation interface, support mouse to operate
	Image display	1/4/6/9/16 screen
Video	Image coding	H.264/H.265
	Surveillance quality	VGA(Max 1080P) ; HDMI(Max 1080P), CVBS optional
	Preview	4*5MP-N@20fps/4*4MP-N@25fps/4*1080P@25fps
	Code capacity	4*5 MP-N@12fps/4*4MP-N@17fps/4*1080P@15fps
	Decode capacity	4*5 MP-N@12fps/4*4MP-N@17fps/4*1080P@15fps
	Various mode input	Coaxial: 4*5MP-N
		Mixed: 4MP-N(coaxial)+1080P (IP) Arbitrary combination for coaxial and IP hybrid mode
		IP: 8*5MP, 16*5MP for all IP mode
	Recognize method	Automatic Identification 、 All AHD、 All TVI 、 All CVI 、 Customized
	Motion detection	192 (16*12) testing areas can be set for each image ;
		can set multi-sensitivity (only for local channel and P6S IP camera)
Audio	Audio compression	G.711A
	Audio output	HDMI, support extended audio output.
	Audio Input	Can extend to 4ch audio In.
	intercom	Support extend audio in and out intercom
	coaxial audio	Support 4ch coaxial audio
Record & Playback	Video mode	manual>alarm>dynamic testing>timing
	Local playback	1CH (5MP-N coaxial)
		1CH (Coaxial or Hybrid mode):
		1ch IP mode

	Record retrieval	Time retrieval, event retrieval, Timeline retrieval, channel retrieval , Face playback, Intelligent playback(Motion detection playback)
Storage & Backup	Occupation	1080P 10-15G/day*channel; 720P 10G/day*channel; 960H 6-10G/day*channel; Audio:691.2M/day*channel
	Record storage	Local hard disk; network
	Backup mode	Network backup 、 USB , SATA record
VMS	Type	IE/mobile/VMS
	P2P	Support(IOS, Android, PC)
	APP	Multi-screen surveillance; audio surveillance; mobile record; snap; pan-tilt control; remote record playback
UTC	Camera OSD control	Support
	Pan-tilt control	Don't support
	3D-NR	Support auto/manual setting for noise reduction parameters
Port	Video input	4ch BNC; support coaxial audio in
	Video output	1ch VGA, 1ch HDMI; 1ch TV output(Optional)
	Audio output	HDMI output
	Network port	RJ45 10M/100M Self-adapt to Ethernet interface
	USB port	2 USB 2.0 port
	HDD port	1 SATA Port (Can support 8T HDD)
	Wi-Fi port	NO
	Remote control	Optional
Others	Power	12V/2A (Sufficient amperes)
	Consumption	< 15W (exclusive hard disk)
	Temperature	-5 °C~ +55 °C
	Working humidity	10%~90%

## Interface Definition

1. DC 12V
2. RJ45/USB
3. HDMI
4. VGA Out
5. Extended Audio 3-6 (1: output, 2 GND)
6. BNC In
7. HDD power port
8. Extended front panel GPIO
9. Serial port
10. SATA port
11. USB extend



