

GS-O1-RH16E Specification



Product characteristic

- Hisilicon solution: 5 in 1, Real H.265 HVR solution
- Support H.265 coding technology, ultra-low bit rate, downward compatible with H.264
- **Support real-time face detection; Playback supports face intelligent retrieval.**
- Support VGA、HDMI、CVBS output
- Support other third-party products based on ONVIF (IP mode);
- Support multi-icloud technology to realize network penetration, camera and DVR

matched, and support alarm message sending to mobile etc...

- Provide mating Web、CMS SDK service
- Support all kinds of mobile, Pad remote monitoring (ios, android) ;
- Support remote access, DDNS to realize one-key remote monitoring
- With UTC function, camera menu parameters can be adjusted via UTC function
- Support AHD/TVI/CVI/CVBS/IP 5-in-1, video signal automatic recognition;
- Support VGA、HDMI simultaneous display, Max resolution is up to HDMI 4K;
- 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;
- Support IP camera address modifying in bulk, and camera device added remotely
- Can connect with IP camera, IP dome, and Onvif supported
- Can connect with mainstream IP camera brands in the market(private protocol or Onvif)
- Preview screen can be exchanged randomly. Picture position changed without physical address changing, it's convenient for construction
- The video and picture backup via U-disk can be playback and query at the main host, so it's very convenient
- Support multiple playback modes: fast forward, slow playback, fast reverse, etc.

Max 16 times fast forward or fast reverse.

Support USB WI-FI module; (Not ok now, will update in the future)

- Support H.264/H.265(HEVC) IP camera;
- Support WEB、VMS, support android/IOS mobile system.
- Support P2P, QR code scanning, and playback via APP

Product parameters

System	Main processor	industrial-grade Embedded chipset Hi3531D
Interface	Preview	1/4/8/9/16
Video	Codec	H.264/H.265
	Surveillance quality	VGA(Max 1080P); HDMI(Max 4K)
	Playback definition	8Mp-N/5MP/4MP/3MP/1080P/720P/960H/D1
	Preview	16*8MP-N@15fps/16*5MP@12fps/5MP-N@20fps/16*4MP@15fps/16*3MP@18fps/ 16*4MP-N/3MP-N/1080P/720P@25fps
	Code capacity	16*8MP-N@15fps/16*5MP@12fps/5MP-N@20fps/16*4MP@15fps/16*3MP@18fps/ 16*4MP-N/3MP-N/1080P/720P@25fps
	Decode capacity	16*8MP-N@15fps/16*5MP@12fps/5MP-N@20fps/16*4MP@15fps/16*3MP@18fps/ 16*4MP-N/3MP-N/1080P/720P@25fps
	Various mode input	arbitrary combination for coaxial and IP hybrid mode; 4*5MP/8*3MP/16*1080P 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
Audio	Audio compression	G.711A
	Coaxial audio	support
	Intercom	support
Record & playback	Record mode	manual>alarm>motion detection>timing
	Local playback (Analog mode)	4
	Record retrieval	Fast playback, browsing playback, Time retrieval, event retrieval, Timeline retrieval, channel retrieval、Intelligent playback
	Intelligent retrieval	Use different colors to distinguish if it has record or not at a certain time or certain channel
Storage &	Space occupation	3MP/4MP/5MP ~15G/day*channel; 4MP-N/3MP-N/1080P 10~15G/ day*channel; 720P ~10G/

backup	for each channe	day*channel; 960H 6~10G/ day*channel; Audio: 691.2M/ day*channel
	Record storage	Local hard disk/ network
	Backup mode	Network backup、USB HDD、USB record、SATA record
External Interface	Video input	16ch BNC
	Video output	1ch VGA, 1ch HDMI
	LOOP output	No(can be extended to 1ch CVBS)
	Audio input	2ch RCA (can be extended to 8ch)
	Audio output	1ch RCA
	Alarm input	No(can be extended to 4ch)
	Alarm output	No(can be extended to 1ch)
	Network port	RJ45 10M/100M Self-adapt to Ethernet interface
	USB port	2 USB 2.0 port
	HDD port	2 SATA port (support 6T/port above HDD)
CMS	CMS type	IE/Intelligent mobile phone/CMS
	P2P	Support (IOS、Android、PC)
	Mobile APP function	Various image surveillance, audio monitor, mobile phone record, snapshot, pan-tilt control, remote record playback, equipment list storage
General	Power supply	12V/4A
	Power Consumption	< 15W (exclusive hard disk)
	Working environment	Temperature:0℃—+55℃, Humidity:10%—90% , Atm:86kpa—106kpa