STAR 4

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 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…（message sending is not supported yet，will update to support）

- 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；

- Wifi port; support wifi; can be extended to 4G 、 5G (Via USB extended) (Not ready now, will update in the future)

- 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；

- 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 ready 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 Hi3520DV400
	Operation system	Embedded LINUX operation system
	System resources	Multichannel realtime record/ playback, multichannel multi-user on network operation, USB backup simultaneously
Interface	Operation system	16bit true color graphic menu operation interface, support mouse to operate
	Image display	1/4 screen
Video	Image coding	H.264/H.265
	Surveillance quality	VGA(Max 1080P)；HDMI(Max 1080P)
	Playback definition	4MP-N/3MP-N/1080N/720P/960H/D1
	Preview	4*5MP-N@20fps/4*4MP-N@25fps/4*3MP-N@25fps/4*1080P@25fps/4*720P@25fps 5-IN-1
	Code capacity	4*5 MP-N@12fps/4*4MP-N@18fps/4*3MP-N@18fps/4*1080P@18fps/4*720P@25fps 5-IN-1
	Decode capacity	1*5 MP-N@12fps/4*4MP-N@18fps/4*3MP-N@18fps/4*1080P@18fps/4*720P@25fps 5-IN-1
	Various mode input	Arbitrary combination for coaxial and IP hybrid mode, 4*5MP/8*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
	Two-way intercom	Support
Record & Playback	Video mode	manual>alarm>dynamic testing>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& Backup	Space occupation for each channel	4MP-N/3MP-N/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 HDD、USB record、SATA record
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
	UTC	Support

Pan-tilt	PTZ	Support
	Camera software updated	Support
	Dynamic 3D-NR	Support Auto/Manual noise parameter setting
Port	Video input	4ch BNC
	Video output	1ch VGA，1ch HDMI
	LOOP output	no(can be extended to 1ch)
	Audio input	yes 1ch
	Audio output	yes 1ch
	Alarm input	No
	Alarm output	No
	Network port	RJ45 10M/100M Self-adapt to Ethernet interface
	Pan-tilt control	no
	USB port	2 USB 2.0 port
	HDD port	1 SATA Port（Can support 6T HDD）
	Wifi port	4G、WIFI(Extend via USB)
	Remote control	Optional
Others	Power	12V/2A（Sufficient amperes）
	Consumption	< 15W（exclusive hard disk）
	Temperature	-5 ℃~ +55 ℃
	Working humidity	10%~90%
	Size(W x H)	
	Weight	