

## 2 SATA port 960H HVR



### Features

- ✦ Intelligent analysis, including perimeter detection (warning line, warning area), goods nursing (lost, left), video diagnosis and other core intelligent analysis capabilities, alarm linkage is also supported to ensure better monitoring.
- ✦ DVR/HVR/NVR 3 in 1, multi-mode input, support 4/8/16ch D1/960H ch analog video encode and decode, analog+high-definition video input, high-definition network video input.
- ✦ With cloud service, easy to achieve a variety of network penetration, one step to remote monitoring, getting rid of various complicated network settings, easy and simple to operate.
- ✦ H.264 High Profile compression algorithm, 30% decrease of stream due to advanced space-time filtering technology.
- ✦ Main stream and Sub-stream encoding. Main stream for local storage, ensure image quality; Sub-stream for real-time network transmission, easy to solve bandwidth bottleneck problem
- ✦ Support various mobile monitoring (iPhone, Windows Mobile, BlackBerry, Symbian, Android), support 3G dialing, WIFI module expansion
- ✦ Support multiple web browsers (IE, Chrome, Firefox, Safari);
- ✦ Support two USB2.0 ports, to achieve USB mouse, backup, burn, upgrades and other operations stably.
- ✦ Imitate Vista interface, similar to Windows operating style, easy to get started with powerful mouse right-click function.
- ✦ Support TV, VGA and HDMI output simultaneously, VGA, HDMI HD 1080P output, overturn traditional monitoring thoroughly.
- ✦ Powerful network services (support DHCP, PPPOE, FTP, DNS, DDNS, NTP, UPNP, EMAIL, IP permissions, IP searches, Alarm Center, etc.) and perfect support (WEB, Client, SDK), easy to achieve interoperability.
- ✦ With its own domain name service functions (ARSP), and one key to remote monitoring, monitoring becomes easy and enjoyable. 3322 (Greek network), dyndns, oray (peanut shells), myq-see and other Domain Name Services are also provided.
- ✦ Perfect circuit protection, unique triple watchdog function, ensure that the equipment never crashes.
- ✦ Support more than 20 languages (English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, Chinese, Traditional Chinese, Turkish, etc.), no nation boundaries.
- ✦ Display flexibly, free to replace boot interface.



		FST-H4K5	FST-H8K5	FST-H16K5
System	main processor	Industrial embedded microcontroller Huawei Hass platform		
	operating system	embedded linux		
	system resources	Simultaneous multi-channel real-time recording, playback, network operation, USB backup		
Interface	user interface	support 16-bit true color graphical menu interface and mouse operation		
	preview screen	(under analog mode)		
		01-abr	1/4/8/9	1/4/8/9/16
video	video standards	PAL (625line, 50f/s) ; NTSC (525line, 60f/s)		
	video compression	H.264(High Profile); JPEG capture		H.264(High Profile)
	display quality	monitor: D1; VGA: HD; HDMI: HD		
	play quality	under analog mode, up to 1080P: 960H/D1/HD1/CIF/QCIF		
	encode capacity	4ch D1/960H real-time	8ch D1/960H real-time	16ch D1/960H real-time
	decode capacity	4ch D1/960H real-time	8ch D1/4ch 960H real-time	16ch D1/8ch 960H real-time
	hybrid mode	Only analog(DVR): 4 *D1 (capture) /960H	Only analog(DVR): 8 *D1 (capture) /960H	Only analog(DVR): 16*D1/960H
		analog+IP(HVR): 2 *D1+(1*1080P +1*720P) Only IP(NVR): 9*D1 /8*960H /4*720P /2*1080P /1*720P+7*D1 /1*1080P+1*720P 0	analog+IP(HVR): 4*D1+(1*1080P + 3*720P) Only IP(NVR): 16*D1 /2*1080P+2*720P /1*1080P+1*720P +6*960H /8*720P	analog+IP(HVR): 8*D1+16*D1 /8*D1+8*720P /8*D1+(2*1080P +2 *720P) /4*D1+20*D1 /4*D1+(2 *1080P +10*D1) / 4*D1+(1*1080P +7*720P) /4*D1+(1*1080P +1*720P+10* 960H) Only IP(NVR): 24*D1 /20*960H /4*1080P /1*1080P+8*720P /2*1080P+4*720P +4*960H
	motion detect	Zones: 192 (16*12) detection zones,sensitivity: multi-level sensitivity (Only local channels)		
	audio	audio compression	G.711A	
bidirectional talk		supported		
Record & playback	record mode	manual>alarm>motion detection>timing		
	local playback	1-9 ch simultaneously playback;	1-16 ch simultaneously playback;	



		Under analog mode4 * 960H, up to4 ch playback (4*960H@25fps)	Under analog mode8 * 960H, up to4 ch playback (4*960H@25fps)	Under analog mode16 * 960H, up to8 ch playback (8*960H@25fps)
	record mode	Time/calendar/event/channel search		
Storage & backup	space occupation	video: CIF: 4~5G/ day*channel, D1: 8~10G/ day*channel; 960H: 9~42G/ day*channel 720P: 10G~42G/ day*channel; 1080P: ~40G/ day*channel; audio: 691.2M/ day*channel		
	record storage	HDD&Network		
	backup mode	Network backup、USB HDD, USB writer、SATA writer		
interface	video input	4ch BNC	8ch BNC	16ch BNC
	video output	2ch BNC, 1ch VGA, 1ch HDMI	2ch BNC (with 1ch Spot) , 1ch VGA, 1ch HDMI	
	audio input	4ch RCA	8ch RCA	4ch RCA
	audio output	1ch RCA		
	alarm input	8ch		
	alarm output	1ch		
	net interface	RJ45 10M/100M		
	PTZ control	One RS485、one RS232; support multiple PTZ protocols		
	usb	2 USB ports		
	hard disk	2 SATA ports,(max. 4T per one)		
	Wireless port	3G、WIFI(expand via USB)		
Others	Power supply	12V/4A		
	dimension	350mm(length)* 295mm(width)* 45mm(height)		