AHD DVR

Model	AK04S
Main processor	Industrial grade embedded micro controller chip Huawei HIS chipset Hi3520D
Operating system	Embedded LINUX operating system
System resource	Multi-channel real-time recording synchronously, multi-channel real-time playback, multi-channel multi-user network operation, USB back up.
Operation interface	16 bit real color GUI interface support mouse operation
Display screen	（Take all analog input as an example, others are depended on the selected channel mode）
	1/4 screen
Image encode	H.264(High Profile)
Monitor quality	VGA：1080P ； HDMI：1080P
Playback quality	Max support 1080N under HVR and NVR mode；
	Max support AHD 1080N under DVR mode：
Encode capability	4CH AHD 1080N real time(DVR mode)
Decode capability	4CH AHD 1080P (DVR mode)
Multi-mode video input	DVR mode :4CH *1080N/4CH*720P/4CH*AHDL
	HVR mode:2CH*720P（AHD）+2CH*720P(IPC)
	NVR mode : 8CH*1080P /4CH*1080P/1CH*1080P
Motion detection	Each channel can set 192（16*12）detection area； can set multi-level of flexibility (for local analog channel only)
Audio compression	G.711A
Record mode	Manual、alarm、motion detection、timing
Local playback	1-4ch playback synchronously; Under the mode of DVR, Max support 4CH AHD 1080N playback synchronously
Video search	Time、date、event、channel search
Space occupation	Video：CIF 4~5G/day*channel， D1 8~10G/day*channel
	720P 20G/day*channel； audio：691.2M/day*channel
Video storage	Local HDD 、Network
Back up mode	Network backup、USB portable HDD、USB DVD-RW
Video input	4CH BNC
Video output	1CH VGA，1CH HDMI
Audio input	1CH RCA
Audio output	1CH RCA
Alarm input	NO
Alarm output	NO
Network port	RJ45 10M/100M self-adaptive Ethernet port
PTZ control	1 RS485； support multi kinds of PTZ Protocol
USB port	2*USB2.0
HDD port	1 SATA （each max support 6TB）
Wireless port	3G、WIFI(extension via USB port)
Tour	Yes
Remote controller	Yes
Power	12V/2A
Dimension	260(Length) x 234(Width) x 45(Height)

AHD CAMERA

Model NO.	AK04S-W180-S200
Camera	
Pixels	1920(H)x1080(V)
Resolution	1080P
Signal System	PAL/NTSC
Electronic Shutter	1/25s~1/50,000s , 1/30s~1/60,000s
Synchronization	Internal

S/N Ratio	≥50dB
Camera Features	
Infrared LED	36 pcs IR Array
IR Distance	25m
Infrared Wave Length	850nm
Minimum Illumination	0 Lux (IR LED on)
Lens	
Focal Length	3.6mm (2.0 Megalpixel Lens)
Focus Control	Fixed Lens
Lens Type	Fixed Lens
Pixels	2M Pixels
General	
Weatherpoof Housing	IP 66
IR-CUT	YES
OSD Manual	Optional
Power Supply	12VDC(+/-10%)
Dimension	65*200mm
Shipping Weight	0.4KG
Storage Temperature	-10℃ ~ +50℃ RH95% Max
Working Temperature	-20℃ ~ +60℃ RH95% Max