

## AHD DVR

<b>Model</b>	<b>AK04S</b>
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: 5MP ; HDMI: 4K
Playback quality	Max support 3MP under HVR and NVR mode; Max support AHD 5MP under DVR mode:
Encode capability	4CH AHD 5MP real time(DVR mode)
Decode capability	4CH AHD 5MP (DVR mode)
Multi-mode video input	DVR mode :8*5M /8*4M /8*3M /8*1080P HVR mode: 4*3M+4*3M NVR mode : 8*1080P+8*960P /8*3M /4*5M
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 5MP playback synchronously
Video search	Time、date、event、channel search
Space occupation	Video: CIF 4~5G/day*channel, D1 8~10G/day*channel 5MP 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

<b>Model NO.</b>	<b>AK04S-W141-A300</b>
<b>Camera</b>	
Pixels	1920x1536
Resolution	3MP
Signal System	PAL/NTSC
Electronic Shutter	1/25s~1/50,000s , 1/30s~1/60,000s
Synchronization	Internal

S/N Ratio	≥50dB
<b>Camera Features</b>	
Infrared LED	36 pcs IR Array
IR Distance	25m
Infrared Wave Length	850nm
Minimum Illumination	0 Lux (IR LED on)
<b>Lens</b>	
Focal Length	3.6mm
Focus Control	Fixed Lens
Lens Type	Fixed Lens
Pixels	3M Pixels
<b>General</b>	
Weatherproof Housing	IP 66
IR-CUT	YES
OSD Manual	Optional
Power Supply	12VDC(+/-10%)
Dimension	65*200mm
Shipping Weight	0.4KG
Storage Temperature	-10°C ~ +50°C RH95% Max
Working Temperature	-20°C ~ +60°C RH95% Max