



# CVR & CVI KITS

## SCAHD-45NRA20

**General Features :**



SCAHD-45NRA20

Model NO.	SCAHD-41NRA10		SCAHD-41NRA30	
<b>Package</b>				
DVR	1x4CH 720P/960H AS-AHDVR0450			
Camera	2xAVHN20A100	2xAVHN20A130	2xADSR20A100	2xADSR20A130





BNC Cable	4x20M BNC Cable ACB-20DB			
Mouse	1xUSB 2.0 Mouse			
Controller	1xIR Remote Controller			
Power Cable	1x5CH Power Splitter Cable			
Adaptor	1x5A Power Adaptor+1xPower Cable (US, EU, UK, AU Plug is Optional)			
Weight	7.5KGS/SET			
<b>Camera Model</b>	<b>AVHN20A100</b>	<b>AVHN20A130</b>	<b>ADSR20A100</b>	<b>ADSR20A130</b>
Image Sensor	OV9712S	IMX238	OV9712S	IMX238
DSP	NVP2431H	NVP2430H	NVP2431H	NVP2430H
Image Resolution	PAL: 25fps@720P(1280×720); NTSC: 30fps@720P(1280×720)			
Effective Pixels	1280(H)×720(V) , 1MP			
TV System	PAL/NTSC			
Electronic Shutter	1/25s~1/50,000s , 1/30s~1/60,000s			
Sync System	Internal			
Usable Illumination	0.01Lux/F2.0	0.001Lux/F2.0	0.01Lux	0.001Lux
S/N Ratio	≥50dB			
Scanning System	Progressive Scan			
Video Output Mode	AHD/CVBS (960H) (BNC)			
<b>Lens</b>				
Focus Length	Board Lens 3.6mm/F2.0			



Focus Control	Fixed	
Lens Type	Fixed	
Pixels	2M Pixels	
<b>Night Vision</b>		
Infrared LED	☉ 5X24PCS	
Infrared Distance	20M	
IR Status	Under 10 Lux By CDS	
IR Power On	CDS Auto Control	
<b>Camera Features</b>		
Day/Night	Auto (ICR) / Color / B&W	
OSD Menu Language	EN, CN, DE, FRA, IT, ES, PL, RU, PT, NL, TR	
White Balance	Auto/Manual	
Gain Control	Auto	
Noise Reduction	3D NR	
Picture Adjustment	Yes	
OSD Support	Yes	
<b>General</b>		
Weatherproof Housing	YES, IP66	YES, Metal
Anti-cut Bracket	YES, 3-Axis	YES



Dual Voltage	NO	NO
IR Cut Filter	YES	YES
Heater	NO	NO
Operation Temperature	-10°C ~ +50°C RH95% Max	-10°C ~ +50°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 500mA	DC12V±10%, 500mA
Dimension	142(W)x65(H)x63(D)mm	Φ 94 x 69(H)mm
Weight	500g	450g
<b>Model</b>	<b>AS-AHDVR0450</b>	
<b>System</b>		
Main Processor	HI3520D	
Operating System	Embedded LINUX	
<b>Video</b>		
Input	4 Channel, AHD	
Output	1 VGA, 1 TV,1 HDMI	
<b>Audio</b>		
Input	4Channel, RCA	
Two-way Audio	NO	
Output	1 Channel, RCA	
<b>Alarm</b>		



Sensor Input	NO
Output	NO
Motion Detection	4 Channel
Trigger Events	Recording, Tour, Alarm, Video Push, Email, Screen tips
Email Alarm	Send Pieces to The Designated E-mail
<b>PTZ</b>	
Interface	RS485
Protocol	Pelco-D, Pelco-P, Sony, Sharp, Panasonic, Samsung and Other Protocols
Baud Rate	1200~115200
Address	0~255
<b>Display</b>	
VGA	Resolution: 800×600, 1024×768, 1280×1024,1920×1080
HDMI	NO
Display Split	4 Channel / 1Channel
Privacy Masking	4 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
<b>Recording</b>	
Video Compression	H.264
Audio Compression	G711A
Resolution	720P(1280×720), 960H(P:960×576/N:960×480)





Video Quality	Best/Fine/Normal
Record Rate	720P(1280×720 100fps/120fps), 960H(P:960×576 100fps/N:960×480 120fps)
Record Mode	Manual\Timer\Motion Detection\Sensor
<b>Playback &amp; Backup</b>	
Sync Playback	4 Channel / 1Channel
Remote Playback	4 Channel/ 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play
Smart Phone Playback	NO
Backup Mode	USB Device/Network
<b>Network</b>	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	HTTP, IPv4,IPv6, TCP/IP, SMTP, DHCP, DNS, PPPOE, DDNS,NTP,DST
Web Browser	IE6-11
CMS Software	Support Windows XP /Windows Vista/Windows 7/Windows 8
Extra Stream	CIF/QCIF(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
<b>Hard Disk Driver</b>	
Interface Type	2 SATA Interface
Capacity	Up to 8TB Capacity





General	
Language	Support 19 languages (Chinese, English, polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Persian, Germany, France, Portugal, Turkey, Spain, Italy, Hungary, Romania, Korean)
USB Interface	2 USB 2.0 Interfaces
Power Supply	DC12V/2A
Working Environment	-10~55°C/10~90%
Dimension (WxDxH)	354mm×245mm×45mm
Weight	4KG (Without HDD)

