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Stoic Technologies 16 Channel, 5MP HD XVR System with BitVision View from Anywhere, Weatherproof Cameras, Night Vision, Audio, Hybrid XVR, Email Alerts, Surveillance Class HDD, Motion Detection, 3 Year Warranty



SAS-51680D



SPECIFICATIONS:

System Model NO.	SAS-51680B / SAS-51680D	
Package		
XVR	SAS-XVR51600	
Camera	(8) STH-B5XC61W Bullet Camera or (8) STH-D5MXC61W Dome Camera (Add up to 8 more Cameras)	
Cable	(8) 60' BNC+DC Cable, (1) 8CH power cable splitter	
Mouse	(1) USB 2.0 Mouse	
Hard Disk	(1) 2TB Surveillance Class Hard Drive (Upgradeable to 6TB)	
Adaptor	(1) DC12V/3A, (1) DC12V/2A	
Weight	22.7lbs. / 10.3kg	
Camera Model	Bullet	Dome
Image Sensor	K03	
DSP	FH8538	
Image Resolution	5MP /4MP /1080P / 960H	
Effective Pixels	2704H x 1950V	
TV System	PAL/NTSC	
Electronic Shutter	1/25s~1/50,000s , 1/30s~1/60,000s	
S/N Ratio	≥50dB	
Scanning System	Progressive Scan	
Lens		
Focus Length	3.6mm/F2.0	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	5M Pixels	
Auto Iris Support	NO	
Night Vision		

Infrared LED	42μ x 2PCS	14μ x 18PCS
Infrared Distance	30M (98ft.)	20M (65ft.)
IR Status	Under 10 Lux by CDS	
IR Power On	CDS Auto Control	
Camera Features		
Day/Night	YES	
OSD Menu Language	YES	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	
Noise Reduction	3DNR	
Picture Adjustment	YES	
DWDR	YES	
OSD Support	YES	
UTC	YES	
General		
Housing	Metal	
Bracket	Not Required (Additional Mounting Options Available)	
Dual Voltage	NO	
IR Cut Filter	YES	
Heater	NO	
Operation Temperature	-10℃ ~ +50℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 500mA	
Dimension	157(W) x 70(H) x 66(D)mm	∅ 94.5 x 76(H) mm
Weight	650g (1.433lbs.)	450g (1.0lbs.)
Model	SAS-XVR51600	
System		
Main Processor	HI3531D	
Operating System	Embedded LINUX	
Video		
Input	Analog: 16*(TVI/AHD: 5MP; AHD/TVI/CVI: 4MP; AHD/TVI: 3MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 14*Analog+2*network(Max 8MP), 12*Analog+4*network(Max 8MP), 10*Analog+6 *network(Max 8MP), 8*Analog+8*network(Max 8MP), 6*Analog+10*network(Max 8MP), 4*Analog+12*network(Max 8MP), 2*Analog+14*network(Max 8MP) Network: 32*network(Max 8MP)(Total incoming bandwidth ≤160M)	
Input	16CH BNC	
Signal Type	Analog/AHD/CVI/TVI/Network	
Output	(1) HDMI, (1)VGA	
Audio		
Input	2 Channel, RCA	

Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	16 Channel (max 32 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push Notifications(Motion Detection)
Email Alarm / Alert	Send Image to The Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	Resolution: 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
HD	Resolution: 3840×2160/30Hz, 2560×1440/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
Display Split	36 Channel/25 Channel/16 Channel/9 Channel/8 Channel/4 Channel /1Channel
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
Recording	
Video Compression	H.265+/H.265/H.264+/H.264
Audio Compression	G.711u
Resolution	5MP(2592×1944),5MP_LITE(1296×1944),4MP(2560×1440),4MP_LITE(1280×1440),3MP(2048×1536),1080P(1920×1080),720P(1280×720),960H(960×576/N:960×480)
Video Quality	worst/worse/ordinary/well/best
Record Rate	Analog:PAL:5MP(2592×1944 16*6fps),5MP_LITE(1296×1944 16*10fps), 4MP(2560×1440 16*8fps),4MP_LITE(1280×1440 16*15fps),3MP(2048×1536 16*9fps),1080P(1920×1080 16*15fps),720P(1280×720 16*25fps), 960H(960×576 16*25fps) NTSC:5MP(2592×1944 16*6fps),5MP_LITE(1296×1944 16*10fps), 4MP(2560×1440 16*8fps),4MP_LITE(1280×1440 16*15fps),3MP(2048×1536 16*9fps),1080P(1920×1080 16*15fps),720P(1280×720 16*30fps), 960H(960×480 16*30fps) Pure IP(H.265): PAL:4k@22×25fps,5MP@32×25fps,4MP@32×25fps,3MP@32×25fps,1080P@32×25fps,960P@32×25fps,720P@32×25fps,D1@32×25fps NTSC: 4k@22×30fps,5MP@32×30fps,4MP@32×30fps,3MP@32×30fps,1080P@32×30fps, 960P@32×30fps, 720P@32×30fps, D1@32×30fps
Record Mode	Manual\Timer\Motion Detection
Playback & Backup	
Decode Capability	4CH 5MP@30fps
Sync Playback	Pure Analog: 16CH 5M@6fps,16CH 5MP_LITE@10fps, 16CH 4M@7fps, 16CH 4MP_LITE@15fps, 16CH 3M@9fps, 16CH 1080p@15fps Mix Mode: 1CH 4K@30fps, 2CH 5M@30fps, 2CH 4M@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps Pure IPC: 2CH 4K@30fps, 4CH 5M@30fps, 4CH 4M@30fps, 5CH 3M@30fps, 9CH 1080P@30fps, 9CH 960P@30fps, 9CH 720P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Rewind, Digital Zoom, Full Screen
Smart Phone Playback	4 Channel (At once)

Backup Mode	USB Device/Network
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/Windows 8/Windows 10
Extra Stream	CIF 1~30fps
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	2 SATA Interface
Capacity	2 SATA Hard Disk (2.5"/3.5" SATA, Up to 16TB)
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	310*295*46(mm)
Weight	3.5kg (7.72lbs.) Without HDD
 Stoic Technologies 5MP Systems use the Bitvision App for remote and mobile viewing. Enjoy increased functionality and a better user experience.  www.stoiccctv.com	