



## DATASHEET

16 CH H.265+ 5IN1

XHVR

MODEL: VS-XHVR16N-283

# SPECIFICATION

<b>System</b>	
<b>Main Processor</b>	HI3521D
<b>Operating System</b>	Embedded LINUX
<b>Video</b>	
<b>Input</b>	<b>Analog:</b> 16 x 2MP
	<b>Analog+Network:</b> 14 x Analog(2MP)+2 x network(Max 8MP), 12 x Analog(2MP)+4 x network(Max 8MP), 10 x Analog(2MP)+6 x network(Max 8MP), 8 x Analog(2MP)+8 x network(Max 8MP), 6 x Analog(2MP)+10 x network(Max 8MP), 4 x Analog(2MP)+12 x network(Max 8MP), 2 x Analog(2MP)+14 x network(Max 8MP)
	<b>Network:</b> 16 x network(Max 8MP)(Total incoming bandwidth ≤80M)
<b>Input</b>	16CH BNC
<b>Signal Type</b>	Analog/AHD/CVI/TVI 2.0/Network
<b>Output</b>	1 HD, 1 VGA
<b>Audio</b>	
<b>Input</b>	2 Channel, RCA
<b>Two-way Audio</b>	No
<b>Output</b>	1 Channel, RCA
<b>Alarm</b>	
<b>Sensor Input</b>	No
<b>Output</b>	No
<b>Motion Detection</b>	16 Channel
<b>Trigger Events</b>	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
<b>Email Alarm</b>	Send Image to The Designated E-mail
<b>PTZ</b>	
<b>Interface</b>	RS485
<b>Protocol</b>	Pelco-D, Pelco-P
<b>Baud Rate</b>	110~921600
<b>Address</b>	0~255
<b>Display</b>	
<b>VGA</b>	1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz
<b>HD Output</b>	3840×2160/30Hz, 2560×1440/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz,
	1280 × 720 /60Hz, 1024 × 768 /60Hz
<b>Display Split</b>	16 CH/ 9 CH/ 8 CH/ 4 CH/ 1 CH
<b>Privacy Masking</b>	3 Rectangular Zones (Each camera)
<b>OSD</b>	Camera title, Time, Video loss, Alarm, Motion detection, Recording

<b>Recording</b>	
<b>Video Compression</b>	H.265/H.265+/H.264/H.264+
<b>Audio Compression</b>	G.711u
<b>Resolution</b>	Half 1080P(960×1080);720P(1280×720);960H(P:960×576/N:960×480)
<b>Video Quality</b>	worst/worse/ordinary/well/best
<b>Record Rate</b>	Analog: PAL:Half 1080P(960x1080 16 x 15fps),720P(1280×720 16 x 15fps), 960H(960×576 16 x 22fps) NTSC:Half 1080P(960x1080 16 x 15fps), 720P(1280×720 16 x 15fps), 960H(960×480 16 x 22fps) Pure IP(H.265): PAL :4k@8x25fps, 5MP@12x25fps,4MP@16x25fps, 3MP@16x25fps, 1080P@16x25fps, 960P@16x25fps, 720P@16x25fps, D1@16x25fps NTSC:4k@8x30fps, 5MP@12x30fps,4MP@16x30fps, 3MP@16x30fps, 1080P@16x30fps, 960P@16x30fps, 720P@16x30fps, D1@16x30fps
<b>Record Mode</b>	Manual\Timer\Motion Detection
<b>Playback &amp; Backup</b>	
<b>Decode Capability</b>	4CH 1080P@30fps
<b>Sync Playback</b>	<b>Pure Analog:</b> 16CH 1080N@15fps <b>Mixture mode:</b> Analog(4 x 1080N@15fps, 4 x 1080P15fps, 4 x 720P@15fps, 4 x 960H@22fps); IPC(4 x 1080N@30fps, 2 x 2560 x 1440@25fps, 1 x 2560 x 1920@30fps+1 x 1080N@30fps, 1 x 1080P@30fps+1 x 5M@30fps, 1 x 3840 x 2160@30fps) <b>Pure Network:</b> 1CH 4K@30fps, 1CH 5MP@30fps, 2CH 4MP@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
<b>Remote Playback</b>	4 Channel / 1 Channel
<b>Search Mode</b>	ALL, Channel, Manual, Time, Date, Motion Detection
<b>Playback Functions</b>	Play, Pause, Stop, Fast play, Rewind, Digital Zoom, Full screen
<b>Smart Phone Playback</b>	4 Channel
<b>Backup Mode</b>	USB Device(with format FAT 32 )/Network/FTP
<b>Network</b>	
<b>Interface</b>	1 RJ45 10M/100M Adaptive Ethernet Interface
<b>Network Functions</b>	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP
<b>DDNS</b>	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE
<b>Web Browser</b>	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
<b>CMS Software</b>	Support Windows 7/ Windows 8/Windows 10
<b>Extra Stream</b>	CIF(1~15fps)
<b>Smart Phone</b>	iPhone, ipad, Android ,Android pad

<b>Hard Disk Driver</b>	
<b>Interface Type</b>	1 SATA Interface
<b>Capacity</b>	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
<b>General</b>	
<b>Language</b>	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
<b>UTC Control</b>	Yes
<b>USB Interface</b>	2 USB 2.0 Interfaces
<b>Power consumption</b>	DC 12V $\leq$ 6W (Without Hard Disk)
<b>Working Environment</b>	-10~55°C/10~90%
<b>Dimension (W×D×H)</b>	260(W) x 215(D) x 43(H)
<b>Weight (kg)</b>	2.0 (Without HDD)