



## SPECIFICATION

<b>Model</b>	<b>XVRDA7016HDB</b>
<b>System</b>	
Main Processor	MC6680
Operating System	Embedded LINUX
<b>Video</b>	
Input	Normal Mode: Default: 16*(AHD/TVI/CVI:8MP; TVI/AHD: 5MP; AHD/TVI/CVI: 4MP; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+8*network(Max 8MP) Analog+Network: 2*Analog(8MP)+22*network(Max 8MP),4*Analog(8MP)+20*network(Max 8MP),6*Analog(8MP)+18*network(Max 8MP) ,8*Analog(8MP)+16*network(Max 8MP),10*Analog(8MP)+14*network(Max 8MP),12*Analog(8MP)+12*network(Max 8MP),14*Analog(8MP)+10*network(Max 8MP),16*Analog(8MP)+8*network(Max 8MP) Network: 32*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤160M)
Input	16CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA, 1 CVBS
<b>Audio</b>	
Input	6 ChannelRCA,support AOC
Two-way Audio	NO
Output	1 Channel RCA
<b>Alarm</b>	
Sensor Input	4
Output	1
Motion Detection	16 Channel
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
<b>AI Function</b>	
Human Detection	YES
<b>PTZ</b>	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
<b>Display</b>	
VGA	Resolution:1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768
HD Output	Resolution:4K,1920x1080,1280x1024,1280x720,1024x768
Display Split	1/4/6/9/16/25/36
Privacy Masking	3 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
<b>Recording</b>	
Video Compression	H.265/H.265+/H.264/H.264+
Audio Compression	G.711u/G.711a
Resolution	5MP(2560×1952),8MP_LITE(1920×2160),5MP_lite(1280×1952),1080P(1920×1080),720P(1280×720),960H(960×480)

Video Quality	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Analog: PAL: 8MP_LITE(1920×2160 16*8fps),5MP(2592×1944 16*6fps),5MP_Lite(1280×1952 16*10fps),1080P(1920×1080 16*15fps) NTSC:8MP_LITE(1920×2160 16*8fps),5MP(2592×1944 16*6fps),5MP_Lite(1280×1952 16*10fps),1080P(1920×1080 16*15fps) Pure IP(H.265): PAL :8MP@20x25fps, 5MP@32x25fps,4MP@32x25fps, 3MP@32x25fps, 1080P@32x25fps, 960P@32x25fps, 720P@32x25fps, NTSC:8MP@20x30fp, 5MP@32x30fps,4MP@32x30fps, 3MP@32x30fps, 1080P@32x30fps, 960P@32x30fps, 720P@32x30fps, D1@32x30fps
Record Mode	Manual\Timer\Motion Detection\Alarm
<b>Playback &amp; Backup</b>	
Decode Capability	8*1080P@30fps
Sync Playback	Pure Analog: 16CH 8MP_LITE@8fps,16CH 5MP@6fps,16CH 5MP_Lite@10fps,16CH 1080P@15fps, 16CH 720P@15fps,16CH 960H@30fps Mix Mode: 2CH 4K@30fps,3CH 5M@30fps, 4CH 4M@30fps,5CH 3M@30fps, 8CH 1080P@30fps,16CH 5M@6fps,15CH 8M_LITE@8fps,16CH 1080P@15fps Pure IPC:2CH 4K@30fps,3CH 5M@30fps, 4CH 4M@30fps,5CH 3M@30fps, 8CH 1080P@30fps
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Alarm,Tag
Playback Functions	Play, Pause, Stop, Fast play, Slow play, Rewind, Single frame forward/back, Digital Zoom, Full screen
Smart Phone Playback	4 Channel
Backup Mode	USB Device(with format FAT 32 )/Network/FTP
<b>Network</b>	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP,DHCP, FTP, DDNS, RTP, RTSP, RTCP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE,HDPROVN,DYNAMIC_PLANET,EASY_PLANET
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/Windows 11/MAC OS
Extra Stream	CIF/D1(1-30fps)
Smart Phone	iPhone, ipad, Android ,Android pad
<b>Hard Disk Driver</b>	
Interface Type	2 SATA Interface
Capacity	2 SATA Hard Disk (2.5"/3.5" SATA, Up to 16TB)
<b>General</b>	
Language	Simplified Chinese,Traditional Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Japanese,German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese,
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/4A ≤15W (Without Hard Disk)
Working Environment	-10~50 °C /10~90%
Dimension (W×D×H)	310*295*46(mm)
Weight	3.5kg(Without HDD)