



## SPECIFICATION

<b>Model NO.</b>	<b>XVRDA2004HD2M500</b>	
<b>Package</b>		
NVR	1x XVRDA2004HD	
Camera	DIY 1: 1 x LBH30AD500FK, 1 x LIRDNAD500FK DIY 2:2 x LBH30AD500FK DIY 3: 2 x LIRDN500FK	
Cable	2x 18m BNC+DC Cable, 1x (1 to 4CH power cable splitter)	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	1x1TB Seagate hard disk ST1000VX005	
Adaptor	1xDC12V/3A	
Weight	5.3kg/SET	
<b>Camera Model</b>	<b>LBH30AD500FK</b>	<b>LIRDNAD500FK</b>
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	
<b>Lens</b>		
Focus Length	3.6mm/F2.0	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	5M Pixels	
Auto Iris Support	NO	
<b>Night Vision</b>		
Infrared LED	42μ x 2PCS	14μ x 18PCS
Infrared Distance	30M	20M
IR Status	Under 10 Lux by CDS	
IR Power On	CDS Auto Control	
<b>Camera Features</b>		
Day/Night	YES	
OSD Menu Language	YES	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	
Noise Reduction	3DNR	
Picture Adjustment	YES	
WDR	YES	
OSD Support	YES	
UTC	YES	
<b>General</b>		
Housing	Metal	
Bracket	NO	
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	450g
<b>Model</b>	<b>XVRDA2004HD</b>	
<b>System</b>		
Main Processor	HI3520DV400	
Operating System	Embedded LINUX	
<b>Video</b>		

Input	Normal Mode: Analog: 4*(TVI/AHD:8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(1080P)+7*network(MAX 5MP) Lite Mode: Analog: 4*(AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 2*Analog(1080P)+7*network(MAX 5MP) Network: 12*5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth ≤48M)
Input	4CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1HD,1 VGA
<b>Audio</b>	
Input	4 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
<b>Alarm</b>	
Sensor Input	NO
Output	NO
Motion Detection	4 Channel(max 16 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer, Push notifications(motion detection)
Email Alarm	Send Image to The Designated E-mail
<b>PTZ</b>	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
<b>Display</b>	
VGA	Resolution: 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz
HD	Normal Mode: Resolution:2560*1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz Lite Mode: Resolution: 3840×2160/30Hz, 2560x1440/30Hz, 1920 × 1080P/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16 Channel/9 Channel/4 Channel / 1Channel
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
Resolution	5MP(2592×1944),8MP_LITE(1920×2160),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440),3MP(2048×1536),1080P(1920×1080),720P(1280×720),960H(P:960×576/N:960×480)
Video Quality	worst/worse/ordinary/well/best
Record Rate	Normal Mode: Analog: PAL:8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps), 5MP_HALF(1296×1944 4*10fps),4MP(2560×1440 4*8fps),4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),1080P(1920×1080 4*15fps),720P(1280×720 4*25fps), 960H(960×576 4*25fps) NTSC:8MP_LITE(1920×2160 4*8fps), 5MP(2592×1944 4*6fps),5MP_HALF(1296×1944 4*10fps),4MP(2560×1440 4*8fps),4MP_HALF(1280×1440 4*15fps),3MP(2048×1536 4*9fps),1080P(1920×1080 4*15fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps) Lite Mode: Analog: Half 1080P(960×1080 4*25fps),720P(1280×720 4*25fps), 960H(P:960×576 4*25fps/N:960×480 4*30fps) Pure IP(H.265): PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@12×25fps,960P@12×25fps,720P@12×25fps,D1@12×25fps NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@12×30fps, 960P@12×30fps, 720P@12×30fps, D1@12×30fps
Record Mode	Manual\Timer\Motion Detection
<b>Playback &amp; Backup</b>	
Decode Capability	2CH 1080P@30fps
Sync Playback	Pure Analog: 4CH 5M@6fps, 4CH 4M@7fps, 4CH 3M@9fps, 4CH 1080p@15fps, 4CH 1080N@25fps Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps, 3CH 1080p@15fps Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 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
Backup Mode	USB Device(with format FAT 32 )/Network
<b>Network</b>	
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(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
<b>Hard Disk Driver</b>	
Interface Type	1 SATA Interface
Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)
<b>General</b>	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turcic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V ≤6W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)