



## ◆ SPECIFICATION

<b>Model NO.</b>	<b>XVRHCT430M4FK500H</b>	
<b>Package</b>		
XVR	1x XVRHCT430KT	
Camera	4 x KBR25AHD500FK, 4 x KDSU20AHD500FK	
Cable	8x 18m BNC+DC Cable, 1x (1 to 8CH power cable splitter)	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	1xDC12V/5A	
Weight	10.3kg/SET	
<b>Camera Model</b>	<b>KBR25AHD500FK</b>	<b>KDSU20AHD500FK</b>
Image Sensor	1/2.5" CMOS sensor	
Image Resolution	5M:2592*1944 4M:2560*1440 2M:1920*1080	
TV System	PAL/NTSC	
Electronic Shutter	AUTO	
Scanning System	Progressive Scan	
<b>Lens</b>		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
<b>Night Vision</b>		
IR Cut Filter	YES	

Infrared LED	14μ x 20PCS	14μ x 18PCS
Infrared Distance	25M	20M
IR Status	AGC Auto Control	
<b>Camera Features</b>		
Starlight	/	
Day/Night	YES	
OSD Menu	YES	
WDR	DWDR	
UTC	YES	
Noise Reduction	DNR	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	
<b>General</b>		
Housing	Metal, IP66	
Bracket	YES	NO
Operation Temperature	-10℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 700mA	DC12V±10%, 550mA
Dimension	157(W) x 70(H) x 66(D)mm	∅ 93 x 74(H) mm
Weight	650g	400g
<b>Model</b>	<b>XVRHCT430KT</b>	
<b>System</b>		
Main Processor	MC6630	
Operating System	Embedded LINUX	
<b>Video</b>		
Input	Normal Mode: Default: 4*(AHD/TVI/CVI:8M;AHD/TVI:5M,AHD/TVI/CVI:4MP/3MP/2MP/720P/960H)+2*IPC(Max5MP) Analog+Network: 2*(AHD/TVI/CVI:8M;AHD/TVI:5M,AHD/TVI/CVI:4MP/3MP/2MP/720P/960H)+7*IPC(MAX 5MP) Lite Mode: Default: 4*(TVI/AHD/CVI: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+2*network(MAX 5MP) Analog+Network: 2*Analog(TVI/AHD/CVI: 5M@12fps; AHD/TVI/CVI: 4M@15fps; AHD/TVI/CVI: 3M@18fps; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+7*network(MAX 5MP) Network: 16*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, 1 CVBS
<b>Audio</b>	
Input	2 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
<b>Alarm</b>	
Sensor Input	4 CH
Output	1 CH
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 Output	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/G.711a
Resolution	5MP(2592×1944),8MP_LITE(1920×2160),5MP_HALF(1296×1944),4MP(2560×1440),4MP_HALF(1280×1440), 3MP(2048×1536),3MP_Lite(1024×1536),1080P(1920×1080),720P(1280×720),960H(P:960×576/N:960×480)
Video Quality	Lowest/Low/Ordinary/Good/Better/Best

Record Rate	<p>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),3MP_Lite(1024×1536 4*18fps), 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),3MP_Lite(1024×1536 4*18fps), 1080P(1920×1080 4*15fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps)  Lite Mode:  PAL:5MP_Lite(1296×1944 4*10fps),4MP_Lite(1280×1440 4*15fps),3MP_Lite(1024×1536 4*18fps), 1080N(960×1080 4*25fps),720P(1280×720 4*25fps), 960H(960×480 4*25fps)  NTSC: 5MP_Lite(1296×1944 4*10fps),4MP_Lite(1280×1440 4*15fps),3MP_Lite(1024×1536 4*18fps), 1080N(960×1080 4*25fps),720P(1280×720 4*25fps), 960H(960×480 4*30fps)  Pure IP(H.265):  PAL: 5MP@8×25fps,4MP@12×25fps,3MP@12×25fps,1080P@16×25fps,960P@16×25fps, 720P@16×25fps,D1@16×25fps  NTSC: 5MP@8×30fps,4MP@12×30fps,3MP@12×30fps,1080P@16×30fps, 960P@16×30fps, 720P@16×30fps, D1@16×30fps</p>
Record Mode	Manual\Timer\Motion Detection\Alarm Input\Motion and Alarm

## Playback & Backup

Decode Capability	2CH 1080P@30fps
Sync Playback	<p>Normal Mode:  Pure Analog: 4CH 5M@6fps, 4CH 8M_Lite@8fps, 4CH 4M@8fps, 4CH 3M@9fps, 3CH 1080p@15fps  Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps  Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 2CH 1080P@30fps  Lite Mode:  Pure Analog:4CH 5M_LITE@10fps,CH 4M_LITE@15fps,3M_LITE@18fps,4CH 1080N@25fps  Mix Mode: 1CH 5M@30fps, 1CH 4M@30fps, 1CH 3M@30fps, 2CH 1080P@30fps  Pure IPC: 1CH 5MP@30fps, 1CH 4MP@30fps, 1CH 3M@30fps, 2CH 1080P@30fps</p>
Remote Playback	4 Channel / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
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

## Network

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
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	D1/CIF(1~30fps)
Smart Phone	iPhone, ipad, Android ,Android pad

## Hard Disk Driver

Interface Type	1 SATA Interface
Capacity	1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)

## General

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/2A ≤6W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)

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