



SPECIFICATION

Model NO.	KTX8PT800RC8
Package	
XVR	1x XVRF5008HD
Camera	8x CMSDTHC800FKE
Cable	8x 18m BNC+DC Cable, 2x (1 to 4CH power cable splitter)
Mouse	1x USB 2.0 Mouse
Hard Disk	No
Adaptor	3x DC12V/2A Adaptor
Weight	10.3kg/SET
Camera Model	CMSDTHC800FKE
Image Sensor	1/2.5" CMOS sensor
Image Resolution	8M: 3840*2160, 5M: 2592*1944, 4M: 2560*1440, 2M: 1920*1080
TV System	PAL/NTSC
Electronic Shutter	AUTO
Minimun Illumination	Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR
Scanning System	Progressive Scan
Lens	
Focus Length	3.6mm
Focus Control	Fixed
Lens Type	Fixed
Night Vision	
IR Cut Filter	YES
Infrared LED	20μ x 2PCS
Infrared Distance	25M
IR Status	AGC Auto Control
Camera Features	
Starlight	N/A
Day/Night	Color/ B&W (IR-CUT)
OSD Menu	YES
WDR	DWDR
UTC	YES
Noise Reduction	DNR
Coaxial Audio	YES
White Balance	AUTO / MANUAL

Gain Control	AUTO
General	
Housing	Cover&Base: Plastic Eyeball: Metal,IP65
Bracket	NO
Operation Temperature	-10℃ ~ +60℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 550mA
Dimension	φ90.6* 79.5mm
Weight	171.5g
Model	XVRF5008HD
System	
Main Processor	MC6650
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Default:8*(AHD/TVI/CVI:8MP; TVI/AHD:5MP; AHD/TVI/CVI:4MP; AHD/TVI:3MP; AHD/TVI/CVI:1080P/720P; Analog:960H)+4*network(Max 8MP) Analog+Network:6*Analog(8MP)+8*network(Max 8MP),4*Analog(8MP)+10*network(Max 8MP),2*Analog(8MP)+12*network(Max 8MP) LITE Mode: Default:8*(TVI/AHD:5M@12fps; AHD/TVI/CVI:4M@15fps; AHD/TVI/CVI:1080P/720P; Analog:960H)+4*network(Max 8MP) Analog+Network:6*Analog(5M@12fps)+8*network(Max 8MP),4*Analog(5M@12fps)+10*network(Max 8MP),2*Analog(5M@12fps)+12*network(Max 8MP) Network:16*8MP/5MP/4MP/3MP/1080P/960P/720P(Total incoming bandwidth≤80M)
Input	8CH BNC
Signal Type	Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network
Output	1 HD, 1 VGA, 1 CVBS
Audio	
Input	6 Channel RCA, support AOC
Two-way Audio	NO
Output	1 Channel RCA
Alarm	
Sensor Input	4
Output	1
Motion Detection	12 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
AI Function	
Human Detection	YES
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	Resolution: 1920×1080, 1280×1024, 1280×720, 1024×768
HD Output	Resolution: 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4/8/9/16
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/G.711a

Resolution	5MP, 8MP_LITE, 5MP_LITE, 4MP, 4MP_LITE, 3MP, 3MP_LITE, 1080P, 720P, 960H
Video Quality	Lowest/Low/Ordinary/Good/Better/Best
Record Rate	Normal Mode: Analog:PAL:8MP_LITE(8*8fps),5MP(8*6fps),5MP_LITE(8*10fps),4MP(8*8fps),4MP_LITE(8*15fps),3MP(8*9fps),3MP_LITE(8*18fps),1080P(8*15fps),720P(8*25fps),960H(8*25fps) NTSC:8MP_LITE(8*8fps),5MP(8*6fps),5MP_LITE(8*10fps),4MP(8*8fps),4MP_LITE(8*15fps),3MP(8*9fps),3MP_LITE(8*18fps),1080P(8*15fps),720P(8*30fps),960H(8*30fps) LITE Mode: PAL:5MP_LITE(8*10fps),4MP_LITE(8*15fps),3MP_LITE(8*18fps),1080N(8*25fps),720P(8*25fps),960H(8*25fps) NTSC: 5MP_LITE(8*10fps),4MP_LITE(8*15fps),3MP_LITE(8*18fps),1080N(8*25fps),720P(8*25fps),960H(8*30fps) Pure IP(H.265): PAL :8MP@9x25fps,5MP@12x25fps,4MP@16x25fps,3MP@16x25fps,1080P@16x25fps,960P@16x25fps,720P@16x25fps,D1@16x25fps NTSC:8MP@9x30fps,5MP@12x30fps,4MP@16x30fps,3MP@16x30fps,1080P@16x30fps,960P@16x30fps,720P@16x30fps,D1@16x30fps
Record Mode	Manual\Timer\Motion Detection\Alarm\Intelligent
Playback & Backup	
Decode Capability	4*1080P@30fps
Sync Playback	Normal Mode: Pure Analog:8CH 5M@6fps,7CH 8M_LITE@8fps,8CH 4M@8fps,8CH 3M@9fps,8CH 1080P@15fps Mix Mode:4CH 5M@6fps,4CH 4M@8fps,4CH 3M@9fps,4CH 1080P@15fps,1CH 8MP 30fps,2CH 5MP 30fps,2CH 4MP @30fps,2CH 3MP@30fps Pure IPC: 1CH 4K@30fps,2CH 5MP@30fps,3CH 4MP@30fps,4CH 3M@30fps,4CH 1080P@30fps,4CH 960P@30fps,4CH 720P@30fps LITE Mode: Pure Analog:8CH 5M_LITE@8CH,1080N@25fps,8CH 720P@25fps,8CH 960H@25fps Mix Mode:4CH 5M@6fps,4CH 4M@8fps,4CH 3M@9fps,4CH 1080P@15fps,1CH 8MP 30fps,2CH 5MP 30fps,2CH 4MP @30fps,2CH 3MP@30fps Pure IPC:1CH 4K@30fps,2CH 5MP@30fps,3CH 4MP@30fps,4CH 3M@30fps,4CH 1080P@30fps,4CH 960P@30fps,4CH 720P@30fps
Remote Playback	4 Channel/1 Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection, Human Detection, 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 fomat FAT 32)/Network/FTP
Network	
Interface	1 RJ45 10M/100M Adaptive Ethernet Interface
Network Functions	TCP/IP, IPv4/IPv6, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTP, RTSP
DDNS	Dyndns, changeip, no-ip, Oray, A-PRESS, MYQSEE, SKDDNS, SMART-EYES, ZEBEYE,HDPROVN, DYNAMIC_PLANET, EASY_PLANET
Web Browser	Edge, Google Chrome, Firefox, Safari
CMS Software	Support Windows 10/Windows 11/MAC OS
Extra Stream	CIF(1-30fps)/D1(1-15fps)
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,Thai, Hebrew, Arabic, Bulgarian, Japanese,German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese, Ukrainian
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/2A ≤10W (Without Hard Disk)
Working Environment	-10~55℃/10~90%
Dimension (W×D×H)	260*215*43(mm)
Weight	2kg (Without HDD)