



"Reliable Digital Security Products Manufacturer"

SPECIFICATION

Model NO.	PIX-PCXVRHCDA8218M500	
Package		
NVR	1x XVRHCDA821KT-8	
Camera	DIY 1: 4 x KBR25AHD500FK, 4 x KDSL20AHD500FK DIY 2: 8 x KBR25AHD500FK DIY 3: 8 x KDSL20500FK	
Cable	8x 18m BNC+DC Cable, 1x (1 to 8CH power cable splitter)	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	1x1TB Seagate hard disk ST1000VX005	
Adaptor	1xDC12V/3A, 1xDC12V/2A	
Weight	10.3kg/SET	
Camera Model	PIX-PCKBR25AHD500FK	PIX-PCKDSL20AHD500FK
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	
Lens		
Focus Length	3.6mm/F2.0	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	7M Pixels	
Auto Iris Support	NO	
Night Vision		
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	
Camera Features		
Day/Night	YES	
OSD Menu Language	YES	
White Balance	AUTO / MANUAL	
Gain Control	AUTO	
Noise Reduction	3DNR	
Picture Adjustment	YES	
DWDR	YES	
OSD Support	YES	
UTC	YES	
General		
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

Model	PIX-PCXVRHCDA821KT-4
System	
Main Processor	HI3521D
Operating System	Embedded LINUX
Video	
Input	Analog: 8*(TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H) Analog+Network: 6*Analog(1080P)+3*network(Max 8MP),4*Analog(1080P)+5*network(Max 8MP),2*Analog(1080P)+7*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	1HD,1 VGA
Audio	
Input	4 Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
Alarm	
Sensor Input	NO
Output	NO
Motion Detection	4 Channel(max 9 Channel in pure network mode)
Trigger Events	Recording, Email, Screen tips, Buzzer
Email Alarm	Send Image to The Designated E-mail
PTZ	
Interface	RS485
Protocol	Pelco-D, Pelco-P
Baud Rate	110~921600
Address	0~255
Display	
VGA	Resolution: 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
HD	Resolution: 3840×2160/30Hz, 2560×1440/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
Display Split	16 Channel/9 Channel/4 Channel / 1Channel
Privacy Masking	1 Rectangular Zones (Each camera)
OSD	Camera title, Time, Video loss, Alarm, Motion detection, Recording
Recording	
Video Compression	H.265/H.264+/H.264
Audio Compression	G.711u
Resolution	5MP(2592×1944),5MP_LITE(1296×1944),4MP(2560×1440),4MP_LITE(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	Analog: PAL:5MP(2592×1944 8*6fps),5MP_LITE(1296×1944 8*10fps),4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),1080P(1920×1080 8*15fps),720P(1280×720 8*25fps), 960H(960×576 8*25fps) NTSC:5MP(2592×1944 8*6fps),5MP_LITE(1296×1944 8*10fps),4MP(2560×1440 8*8fps),4MP_LITE(1280×1440 8*15fps),3MP(2048×1536 8*9fps),1080P(1920×1080 8*15fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps) 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
Record Mode	Manual\Timer\Motion Detection
Playback & Backup	
Decode Capability	4CH 1080P@30fps
Sync Playback	Pure Analog: 8CH 5M@6fps, 8CH 4M@7fps, 8CH 3M@9fps, 8CH 1080P@15fps Mix Mode: 4CH 5M@6fps, 4CH 4M@7fps, 4CH 3M@9fps, 4CH 1080P@15fps, 1CH 8MP 30fps, 2CH 5MP 30fps, 2CH 4MP fps, 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 / 1Channel
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection
Playback Functions	Play, Pause, Stop, Fast play, Rewind
Smart Phone Playback	4 Channel
Backup Mode	USB Device/Network
Network	
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
Web Browser	IE8-11, Google Chrome (IE Tab), Firefox (IE Tab)

CMS Software	Support Windows 7/Windows 8/Windows 10
Extra Stream	D1/CIF/(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
Hard Disk Driver	
Interface Type	1 SATA Interface
Capacity	2.5"/3.5" SATA, Up to 6TB
General	
Language	Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, Farisa German, French, Portuguese, Turkic, 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)

PIXELS CONNECT PTE LTD

Address: 1013 GEYLANG EAST AVENUE 3, #01-172, SINGAPORE 389728

Tel: 6440 0023

E: sales@pixelsconnect.com.sg

W: www.pixelsconnect.com.sg