



PIXELS CONNECT PTE LTD



◆ SPECIFICATION

Model	PIX-PCXVRHCDA821
System	
Main Processor	HI3521DV200
Operating System	Embedded LINUX
Video	
Input	Normal Mode: Default: 8*(AHD/TVI/CVI:8M; TVI/AHD: 5M; AHD/TVI/CVI: 4M; AHD/TVI: 3M; AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 5MP) 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*(AHD/TVI/CVI: 1080P/720P; Analog: 960H)+4*network(Max 5MP) Analog+Network: 6*Analog(1080P)+8*network(Max 8MP),4*Analog(1080P)+10*network(Max 8MP), 2*Analog(1080P)+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	1HD,1 VGA, 1 CVBS
Audio	
Input	6 ChannelRCA,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
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 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/8 Channel/4 Channel / 1Channel
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/AAC
Resolution	5MP(2592x1944),8MP_LITE(1920x2160),5MP_HALF(1296x1944),4MP(2560x1440),4MP_HALF(1280x1440),3MP(2048x1536),1080P(1920x1080),720P(1280x720),960H(P:960x576/N:960x480)
Video Quality	Worst/Worse/Ordinary/Well/Best
Record Rate	Normal Mode: Analog: PAL:8MP_LITE(1920x2160 8*8fps),5MP(2592x1944 8*6fps),5MP_LITE(1296x1944 8*10fps),4MP(2560x1440 8*8fps),4MP_LITE(1280x1440 8*15fps),3MP(2048x1536 8*9fps),1080P(1920x1080 8*15fps),720P(1280x720 8*25fps), 960H(960x576 8*25fps) NTSC:8MP_LITE(1920x2160 8*8fps),5MP(2592x1944 8*6fps),5MP_LITE(1296x1944 8*10fps),4MP(2560x1440 8*8fps),4MP_LITE(1280x1440 8*15fps),3MP(2048x1536 8*9fps),1080P(1920x1080 8*15fps),720P(1280x720 8*30fps), 960H(960x480 8*30fps) Lite Mode: Analog: 1080N(960x1080 8*25fps),720P(1280x720 8*25fps),960H(P:960x576 8*25fps/N:960x480 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\AI Alarm\Alarm Input

Playback & Backup

Decode Capability	4CH 1080P@30fps
Sync Playback	Normal Mode: Pure Analog: 8CH 5M@6fps, 4CH 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 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 / 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,DYNAMIC_PLANET,EASY_PLANET
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	CIF/D1(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, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, korean, Dutch, Greek, Vietnamese, Japanese
UTC Control	YES
USB Interface	2 USB 2.0 Interfaces
Power consumption	DC 12V/2A ≤6W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (WxDxH)	260*215*43(mm)
Weight	2kg (Without HDD)

Made In Taiwan



Analog Camera, IP Camera
Dome & Bullet Cameras
Hidden Cameras
4K Cameras
PTZ Cameras



Panoramic Camera
4K Action Camera | Car Camera
Battery Cameras
WiFi Door Bells
Hidden Cameras



Fingerprint | Face | Card |
Access PIN Reader
Electromagnetic Lock
Exit Button | Break Glass
Video Door Intercom



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