



"Reliable Digital Security Products Manufacturer"

SPECIFICATION

Model	PIX-PCSDICB831
<b>System</b>	
Main Processor	HI3531A
Operating System	Embedded LINUX
<b>Video</b>	
Input	SDI/EX-SDI: 4*4M/1080P/720P SDI/EX-SDI+Network:2*SDI/EX-SDI+7*network(Max 8MP), 4*SDI/EX-SD+12*network(Max 8MP), 2*SDI/EX-SD+14*network(Max 8MP) Network: 32*network(Max 8MP)(Total incoming bandwidth ≤160M)
Input	8CH BNC
Signal Type	EX-SDI 1080P@25/30/50/60, EX-SDI 720P@25/30/50/60 HD-SDI 1080P@25/30/50/60, HD-SDI 720P@25/30/50/60 EX-SDI 1440P@25/30 Network
Output	1 HD,1 VGA, 1CVBS
<b>Audio</b>	
Input	4Channel, RCA
Two-way Audio	NO
Output	1 Channel, RCA
<b>Alarm</b>	
Sensor Input	NO
Output	NO
Motion Detection	8 Channel(max 32 Channel in pure network mode)
Trigger Events	Recording, Alarm, Email, Screen tips, Buzzer
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,2560×1440/30Hz, 1920 × 1080P /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz,1024 × 768 /60Hz
Display Split	36 Channel/25 Channel/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
<b>Recording</b>	
Video Compression	H.264
Audio Compression	G711u
Resolution	4MP(2560×1440),1080P(1920×1080),720P(1280×720)
Video Quality	worst/worse/ordinary/well/better/best
Record Rate	Analog:PAL: 4MP(2560×1440 8*15fps),1080P(1920×1080 8*25fps),720P(1280×720 8*25fps), D1(720×480 8*25fps), CIF(352×288 8*25fps) NTSC: 4MP(2560×1440 8*15fps), 1080P(1920×1080 8*30fps),720P(1280×720 8*30fps), 960H(960×480 8*30fps), D1(720×480 8*30fps), CIF(352×288 30*25fps) Pure IP:PAL:4k@13×25fp,5MP@16×25fp,4MP@21×25fp,3MP@21×25fp,1080P@32×25fp,960P@32×25fp,720P@32×25fp,D1@32×25fp NTSC: 4k@13×30fp,5MP@16×30fp,4MP@21×30fp,3MP@21×30fp,1080P@32×30fp, 960P@32×30fp, 720P@32×30fp, D1@32×30fp
Record Mode	Manual\Timer\Motion Detection
<b>Playback &amp; Backup</b>	
Decode Capability	4CH 5M@30fps
Sync Playback	Pure SDI/EX-SDI: 8CH 4M@6fps, 8CH 1080p@15fps, 8CH 720p@30fps, 4CH 4M@15fps, 4CH 1080p@30fps 2CH HD+14CH IPC: 2CH 8M@30fps, 4CH 5M@30fps, 4CH 4M@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps 4CH HD+12CH IPC: 2CH 8M@30fps, 3CH 5M@30fps, 3CH 4M@30fps, 4CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps 6CH HD+10CH IPC: 1CH 8M@30fps, 2CH 5M@30fps, 2CH 4M@30fps, 3CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps Pure IPC: 3CH 4K@30fps, 4CH 5M@30fps, 4CH 4M@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
Playback Functions	Play, Pause, Stop, Fast play, Rewind
Smart Phone Playback	4 Channel
Backup Mode	USB Device/Network
<b>Network</b>	
Interface	1 RJ45 10M/100/1000M 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 (lower than Ver44), Firefox (lower than Ver53)
CMS Software	Support Windows 7/ Windows 8/Windows 10
Extra Stream	D1/CIF(1~25fps)
Smart Phone	iPhone, ipad, Android ,Android pad
<b>Hard Disk Driver</b>	
Interface Type	2 SATA Interface
Capacity	2.5"/3.5" SATA, Up to 12TB
<b>General</b>	
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 ≤10W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension (W×D×H)	310*295*46(mm)
Weight	3.5kg (Without HDD)

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