





PD2B-8XNH

8 Ch TVI/AHD/CVI/Analog/IP Universal Port Recorder (8 MP), with 8 Bonus IP Ch (8 MP), Up to 16 Cameras Total, 2 HD Bay, Audio over Coax (AoC)

Features

- 8 Channel Universal Port DVR (TVI/AHD/CVI/Analog/IP)
- TVI/AHD/CVI: 8MP, Analog: 960h, IP: 8MP
- 8 Bonus IP Channels Up to 8 Megapixel
- · Total Max IP Input: 16 (Including Bonus IPC)
- · H.265 Video Compression
- True P2P Connectivity with QR Code Connect
- · HDMI up to 4K
- Simultaneous HDMI/VGA up to 1080p Resolution
- · CVBS Main or Spot Monitor
- Supports up to 8 Channel Simultaneous Playback
- Supports Audio over Coax (AoC)
- Multiple video search options including Thumbnail Search for quick retrieval of footage. Smart Search (Bonus IPC channels only)
- Watermarking
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) to manage multiple units & sites from a single platform
- Free MAC client software to easily manage your system from your Apple computer

OS Embedded Linux Video BNC × 8 BNC interface (10Vpp, 750) TVIAHD/CVE.4Kg/15rps, 5MPg/20fps, 4MP/3MP/1080P/720P/WD1820fps (6ve) IP Video Input BCH Up to 8MPg/20fps Total Input 15CH Output HDM1 * 1.384 × 2160 / 1920 × 1080 / 1220 × 1024 * 768 VGA * 1.1920 × 1080 / 1220 × 1024 * 768 Multi-screen Display 14/46/39/1376 Audio 14/46/39/1376 Audio 18CA × 8 Output RCA × 1 (linear, 600C) Two-way audio Take up channel one audio input Compression 45/46/14/26/19/19/19/19/19/19/19/19/19/19/19/19/19/	System	
BNC × 8 BNC interface (1.0Vp-p;750) TVIAHD/DCV: 4 &KISTSps, 5MP820Tps, 4MP/3MP/1080P/720P/ WD1030Tps (1)(w) SCH Up to 8MP820Tps SCH Up to 8MP820		Embedded Linux
BNC × 8 BNC interface (1.0Vp-p;750) TVIAHD/DCV: 4 &KISTSps, 5MP820Tps, 4MP/3MP/1080P/720P/ WD1030Tps (1)(w) SCH Up to 8MP820Tps SCH Up to 8MP820		
### BNC interface (1.0Vp-p: 75C) ### TVIAHD/CVI 4kg/fis/ps, 5MPig20(ps, 4MP/3MP/1080P/720P/WD1630/ps (live) ### IP Video Input ### ISCH Up to 8MPig20(ps ### ISCH Up to 8MPig2	video	DNC v 9
TV/AHD/DCV: -4/EdF5/ps, 5MP8/20fps, 4MP/3MP/1080P/720P/WD1830Pps (live) IP Video Input 8CH Up to 8MP8/20fps Total Input 16CH		
WDIB3Ofps (live)	Analog Video Input	
P. Video Input		
Total Input	IP Video Input	
HDMI × 1: 3840 × 2160 / 1920 × 1080 / 1280 × 1024 / 1024 × 768		
Output	Total Input	
Mutti-screen Display 1/4/6/8/9/13/16 Audio RCA × 8 Output RCA × 1 (linear, 600C) Two-way audio Take up channel one audio input Compression G71(U/A) Resolution 4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 Analog Channet 4K/6fbps/Tips (PAL/NTSC) 4K Litee/12ps/15fbp 8PAL/NTSC) 5MP Litee/2fbps (FAL/NTSC) 5MP Litee/2fbps (FAL/NTSC) 5MP Litee/2fbps (FAL/NTSC) 5MP Litee/1080P/720P/WD1/D1625fbp (30fbps (PAL/NTSC)) 7 P Channet 8MP@ 20fps(PAL/NTSC) 5MP Litee/1080P/720P/WD1/D1625fbp (30fbs (PAL/NTSC)) 7 P Channet 8MP@ 20fps(PAL/NTSC) 7 P Channet 8MP@ 20fps(PAL/NTSC); lower than 8MP@25fps / 30fbs (PAL/NTSC) Bit Rate 32Kbps ** 5Mbps Mode Manual, timed, motion, smart event Playback 8CH Playback 8CH Search Time silce / time / event / tag search Finction Play, pause, FF, FB, digital zoom, etc. Alarm Mode Manual, motion, exception, smart event Input 8CH Output 2CH Network Time face Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMT	Output	VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
Audio Input RCA × 8 Output RCA × 1 (linear, 600C) Tixov-way audio Take up channel one audio input Compression G.71I(U/A) Record Resolution AK/AK Lite/SMP/SMP Lite/4MP/4MP Lite / 3MP/1080P/720P/WDI/D1 Analog Channel- 4K@6fps/fips (PAL/NTSC) SMP412fps (PAL / NTSC) SMP412fps (PAL / NTSC) SMP Lites/22lps/Sfps (PAL/NTSC) SMP412fps (PAL / NTSC) SMP Lites/22lps (PAL / NTSC) SMP Lites/20lps (PAL / NTSC) JMP Lites/20lps (PAL /	Compression	H.264/H.265
Input	Multi-screen Display	1/4/6/8/9/13/16
Output RCA × 1 (linear, 600C) Two-way audio Take up channel one audio input Compression G.71(U/A) Record Frame Record Resolution 4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 Analog Channel: 4K/66/ps/7/ps (PAL/NTSC) 4K Lite/21/ps/15ps (PAL/NTSC) 5MP/e12/ps (PAL/NTSC) 5MP/e12/ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps/15ps/20/ps (PAL/NTSC) 7/Pc Channel: 8MP@ 20/ps/PAL/NTSC) 7/Pc Channel: 8MP@ 20/ps/PAL/NTSC) 8MP/2MPe12/ps/15ps/20/		
Output RCA × 1 (linear, 600C) Two-way audio Take up channel one audio input Compression G.71(U/A) Record Frame Record Resolution 4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 Analog Channel: 4K/66/ps/7/ps (PAL/NTSC) 4K Lite/21/ps/15ps (PAL/NTSC) 5MP/e12/ps (PAL/NTSC) 5MP/e12/ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps (PAL/NTSC) 6MP/2MPe12/ps/15ps/15ps/20/ps (PAL/NTSC) 7/Pc Channel: 8MP@ 20/ps/PAL/NTSC) 7/Pc Channel: 8MP@ 20/ps/PAL/NTSC) 8MP/2MPe12/ps/15ps/20/	Input	RCA × 8
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Compression G.711(U/A)		
Resolution 4K/4K Lite/SMP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1 Analog Channel: 4K@6[ps:/ftps (PAL/NTSC) 4K Lite@12[ps:15fps (PAL/NTSC) 5MP@12[ps (PAL / NTSC) 5MP@12[ps (PAL / NTSC) 4MP/3MP@12[ps (PAL / NTSC) 4MP/3MP@12[ps 15fps (PAL / NTSC)] 7		1
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## Lite@12[ps/15[ps [PAL/NTSC]	Resolution	
Bit Rate 32Kbps ** 5Mbps Mode Manual, timed, motion, smart event Playback 8CH Search Time slice / time / event / tag search Smart Search Highlight colors to display the camera record in a certain period of time, different colors refer to different record events Function Play, pause, FF, FB, digital zoom, etc. Alarm Mode Manual, motion, exception, smart event Input 8CH Output 2CH Network Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 96Mbps Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS IOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (ITB Max, Archive Only) Backup USB, USB mobile HDD (ITB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption \$15 \text{ (No X - 18 in (380 × 268 × 45 mm)} Working Environment 14" F** 122" F* (10"50"C), 10%*90% (humidity) Certificate CE, FCC	Frame Rate	4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps/ 15fps (PAL / NTSC) 4MPLite#1080P/720P/WD1/D1@25fps / 30fps (PAL / NTSC) 7 IP Channel: 8MP@ 20fps(PAL / NTSC); lower than 8MP@25fps / 30fps
Mode Playback 8CH Playback 8CH Search Time slice / time / event / tag search Smart Search Highlight colors to display the camera record in a certain period of time, different colors refer to different record events Function Play, pause, FF, FB, digital zoom, etc. Alarm Mode Manual, motion, exception, smart event Input 8CH Output 2CH Network Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPDE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS iOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (ITB Max, Archive Only) Backup Local Backup USB, USB mobile HDD (ITB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption ≤ 15W (without HDD) Dimensions (W × D × H) 15 × 10.6 × 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10°50°C), 10%~90% (humidity) Certificate CE, FCC	Bit Rate	32Kbps ~ 5Mbps
Playback Playback Search Time slice / time / event / tag search Smart Search Highlight colors to display the camera record in a certain period of time, different colors refer to different record events Function Play, pause, FF, FB, digital zoom, etc. Alarm Mode Manual, motion, exception, smart event Input BCH Output 2CH Network Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS iOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (ITB Max, Archive Only) Backup Local Backup USB, USB mobile HDD (ITB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption \$\leq 15W (\text{ without HDD})} Dimensions (W × D × H) 15 x 10.6 x 1.8 in (380 × 268 × 45 mm) Working Environment 14"F ~122"F (-10~50°C), 10%~90% (humidity) Certificate CE, FCC	Mode	1
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Mode Manual, motion, exception, smart event Input 8CH Output 2CH Network Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS iOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (1TB Max, Archive Only) Backup Local Backup USB, USB mobile HDD (1TB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption ≤ 15W (without HDD) Dimensions (W × D × H) 15 × 10.6 × 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10~50°C), 10%~90% (humidity) Certificate CE, FCC	Function	Play, pause, FF, FB, digital zoom, etc.
Input	Alarm	
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Interface RJ 45 1000Mbps × 1 Protocol TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP Incoming Bandwidth 32Mbps Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS IOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (1TB Max, Archive Only) Backup Local Backup USB, USB mobile HDD (1TB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption ≤ 15W (without HDD) Dimensions (W × D × H) 15 x 10.6 x 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10°~50°C), 10%~90% (humidity) Certificate CE, FCC	Output	2CH
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Outgoing Bandwidth 96Mbps Client Connection Max. 10 users access Mobile Device OS iOS, Andriod Storage HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (ITB Max, Archive Only) Backup Local Backup USB, USB mobile HDD (ITB Max) Network Backup Yes Port RS 485 Yes (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others Power Supply DC12V / 4A Consumption ≤ 15W (without HDD) Dimensions (W × D × H) 15 x 10.6 x 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10°50°C), 10%~90% (humidity) Certificate CE, FCC		1
Client Connection Max. 10 users access Mobile Device OS OS IOS, Andriod Storage HDD HDD SATA× 2, up to 18TB per HDD; E-SATA× 1 (1TB Max, Archive Only) Backup USB, USB mobile HDD (1TB Max) Network Backup Yes Port Ves (half-duplex), connect to PTZ USB USB 3.0 × 1; USB2.0 × 1 Remote Controller Included Others DC12V / 4A Consumption ≤ 15W (without HDD) Dimensions (W × D × H) 15 x 10.6 x 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10°°50°C), 10%°90% (humidity) Certificate CE, FCC		
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Dimensions (W × D × H) 15 x 10.6 x 1.8 in (380 × 268 × 45 mm) Working Environment 14°F ~122°F (-10~50°C), 10%~90% (humidity) Certificate CE, FCC	Consumption	≤ 15W (without HDD)
Certificate CE, FCC		
Certificate CE, FCC		
Environmental Protection Comply with Directive FLI RoHS WEEF PEACH		
	Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH
Compy was discussed to Notice, Well, NEACT		

Ordering Information

PD2B-8XNH: 8 Ch + 8 Bonus IP Ch Universal Port Recorder