

2.1MP Series
XVI ENHANCED CVI
 MegaPixel over UTP/Coax



PNT-0821



8 Channel Mini 1U HD DVR



Features:



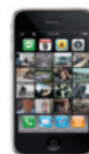
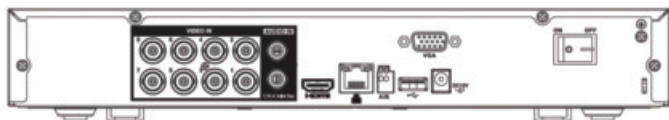
- ❖ Mini 1U Penta-Brid Embedded LINUX processor
- ❖ 2.1MP XVI camera support
- ❖ Support additional channels using IP Cameras:
8CH DVR + 4 extra IP channels = Total of 12 channels
- ❖ H.265+/H.265 dual-stream video compression
- ❖ Max IP Camera resolution up to 6MP;
Max 48Mbps incoming Bandwidth
- ❖ Penta-Brid supports (HDCVI/XVI, TVI, AHD, CVBS, IP)*
- ❖ Support 1 SATA HDD up to 10TB capacity
- ❖ Multiple network monitoring:
Web viewer, HD VMS & Mobile phone viewer
- ❖ 3D intelligent positioning with WatchNET
PTZ dome camera



FREE Multisite VMS Software
 Download from www.watchnetinc.com



4 / 8 / 16 Channel
 Fast Pack KITS Available



iPhone



Model	PNT-0821	
System	Main Processor	Embedded Processor
	Operating System	Embedded LINUX
Video and Audio	Analog Camera Input	8 Channel, BNC
	HDCVI Camera	1080P@25/30fps, 720P@50/60fps, 720P@25/30fps
	AHD Camera	1080P@25/30, 720P@25/30fps
	TVI Camera	1080P@25/30, 720P@25/30fps
	CVBS Camera	PAL/NTSC
	IP Camera Input	8+4=12 Channel, each channel up to 6MP
	Audio In/Out	1/1, RCA
	Two-way Talk	Reuse audio in/out, RCA
Recording	Compression	H.265+/H.265/H.264+/H.264
	Resolution	1080P, 720P, 960H, D1, CIF
	Record Rate	Main stream: 1080P(1~15fps); 720P/960H/ D1/CIF (1~25/30fps) Sub stream: D1/CIF(1~15fps)
	Bit Rate	32Kbps ~ 6144Kbps Per Channel
	Record Mode	Manual, Schedule (General, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
	Record Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
	Audio Compression	AAC(only for the 1st channel), G.711A, G.711U, PCM
	Audio Sample Rate	8KHz, 16 bit Per Channel
Display	Interface	1 HDMI ,1 VGA
	Resolution	1920×1080, 1280×1024, 1280×720
	Multi-screen Display	When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 1/4/8/9/16
	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Network	Interface	1 RJ-45 Port (100M)
	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, Wi-Fi, 3G/4G, SNMP, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search (Supports WatchNET IP camera, DVR, NVS, etc.)
	Max. User Access	128 users
	Smart Phone	iPhone, iPad, Android
	Interoperability	ONVIF 16.12, CGI Conformant

Video Detection and Alarm	Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
	Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis
	Alarm input	N/A
Playback and Backup	Relay Output	N/A
	Playback	1/4/9
	Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
	Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Storage	Backup Mode	USB Device/Network
	Internal HDD	1 SATA Port, up to 10TB capacity
Auxiliary Interface	eSATA	N/A
	USB	2 USB 2.0
	RS232	N/A
Electrical	RS485	1 Port, for PTZ Control
	Power Supply	DC12V/2A
Construction	Power Consumption	<10W (Without HDD)
	Dimensions	Mini 1U, 375mm×285mm×45mm 14.7"×11.22"×1.77"
	Net Weight	2.35KG / 5.18Lb (without HDD)
Environmental	Installation	Desktop installation
	Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 10%~ 90% RH
	Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F) , 0~ 90% RH

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