

WatchNET®

Security Since 2000

Fast Pack EVI-08KIT6-40IRBT

XVI

ENHANCED CVI
MegaPixel over UTP/Coax

Penta-Brid
Recorder



PNT-0840

Kit Contains:
1 - PNT-0840
6 - XVI-40IRBT
1 - USB Mouse

4K



- 8 Ch Penta-Brid DVR with 2TB HDD plus X6 4MP IR Turret Camera
- HD Quality with Easy BNC Analog style Plug and Play
- Transmission over Twisted Pair (with Balun) or Coaxial Cable
- Free DDNS, VMS Software, User-Friendly GUI and Web Server
- 6 x 4MP 2.8mm Cameras with BNC Connector, Smart IR, OSD, IP67 & DC12V



DVR Features:

8 Channel Penta-Brid Digital Video Recorder

- Embedded LINUX OS
- H.265+/H.265 dual-stream video compression
- 4MP XVI Camera support all channels @15fps maximum
- Supports 4K(8MP) using XVI cameras on all inputs up to 7fps max
- Penta-Brid supports (HDCVI/XVI, TVI, AHD, CVBS, IP)
- Support additional channels using IP Cameras:
8CH DVR + 4 extra IP channels = Total of 12 channels
- 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

Camera Features:

4MP IR Turret Camera

- 1/3" 4MP HD CMOS image sensor
- HD and SD dual-output
- 25/30fps@4MP, 25/30fps@1080P, 5/30fps@720P
- High speed, long distance real-time transmission
- HD and SD dual-output
- Day/Night(ICR), AWB, AGC, BLC, 2DNR
- 2.8mm fixed lens
- Max. IR LEDs length 50m/164feet, Smart IR
- IP67, DC12V
- CVI Compatible Camera



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iPhone



Model		PNT-0840
System	Main Processor	Dual-core embedded processor
	Operating System	Enhanced Embedded LINUX OS
Audio	Input / Output	1/1
	Two-way Audio	Reuse audio In/Out, RCA
Display	Interface	1 HDMI ,1 VGA
	Resolution	HDMI: 3840×2160, 2560×1440, 1920×1080, 1280×1024, 1280×720 VGA: 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
	Compression	H.265+/H.265/H.264+/H.264
Recording	Image Resolution	4K, 6MP, 5MP, 4MP, 3MP, 4M-N, 1080P, 720P, 960H, D1, CIF
	Record Speed	Main Stream: 4K(1~7fps); 6MP(1~10fps); 5MP(1~12fps); 4MP/3MP(1~15fps); 4M-N/1080P/720P/960H/D1/CIF(1~25/30fps) Sub stream: 960H(1~15fps); D1/CIF(1~25/30fps)
	Bit Rate	32Kbps ~ 6144Kbps Per Channel
	Recording Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
	Recording Interval	1 ~ 60 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
	Video Detection & Alarm	Trigger Events
Video Detection		Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
Alarm Input		N/A
Relay Output		N/A
Playback & Backup	Playback	1/4/9
	Search Mode	Time/Date, MD & Exact search (accurate to second)
	Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
	Backup Mode	USB Device / Network
Network	Interface	1 RJ-45 Port (1000M)
	Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search (Support WatchNET IP camera, DVR, NVS, etc.)
	Max. User Access	128 users
	Smart Phone	iPhone, iPad, Android
Storage	Internal HDD	Support 1 SATA HDD up to 10TB each
Auxiliary Interface	USB Interface	2 USB Ports (1 USB 2.0, 1 USB 3.0)
	RS232 / RS485	N/A / 1 Port, for PTZ Control
General	Power Supply	DC12V/4A
	Power Consumption	<10W (Without HDD)
	Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Dimension (W×D×H)	Mini 1U, 375mm×285mm×45mm/14.7"×11.22"×1.77"
	Net/Gross Weight	2.35kg (5.2 lb) (without HDD) / 3.2kg (7.05 lb)

Model	XVI-40IRBT
Image Sensor	1/3" 4MP HD CMOS image sensor
Effective Pixels	2688(H) × 1520(V)
Electronic Shutter	PAL: 1/25~1/100000s / NTSC: 1/30~1/100000s
Min. Illumination	0.03Lux/F2.0, 30IRE, 0Lux IR on
OSD Menu	Multi-language
Day/Night	Auto (ICR) / Manual
BLC Mode	BLC / HLC / D-WDR
Noise Reduction	2D
Max. IR LEDs Length	50m/164feet, Smart IR
Lens	
Focal Length	Fixed 2.8mm
Mount Type	Board-in
Video	
Video Output	1-channel BNC HDCVI high definition video output & 1-channel BNC CVBS video output
Video Frame Rate	25/30fps@4MP, 25/30fps@1080P, 25/30fps@720P
Environmental	
Ingress Protection	IP67
Power Supply	DC12V±25%
Power Consumption	Max 4.1W
Transmission Distance	Over 500m via 75Ω coaxial cable
Operating Temp. Humidity	-40°C ~ +60°C / -40°F ~ +140°F, 10% ~ 90%
Dimension / Weight / Material	106mm × 93.7mm / 4.17" × 3.70" / 0.45kg / 0.99lb / Aluminum

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