

WatchNET®

Security Since 2000

Fast Pack EVI-08KIT6-21IRB

XVI

ENHANCED CVI
HD over UTP / Coax

Penta-Brid
Recorder



EVI-0821

Kit Contains:
1 – EVI-0821
6 – XVI-21IRBT
1 – USB Mouse



- 8 Ch Embedded DVR with 1TB HDD plus 6 IR 2.1MP IR Turret Camera
- HD Quality with Easy BNC Analog style Plug and Play
- Transmission over Twisted Pair (with Balun) or Coaxial Cable up to 1500 feet
- Free DDNS, VMS Software, User-Friendly GUI and Web Server
- 6 x Full HD 1080p 2.8mm Cameras with BNC Connector, Smart IR, OSD, IP67 & DC12V/2A



DVR Features:

8 Channel HD Penta-Brid Digital Video Recorder

- ❖ Embedded LINUX OS
- ❖ Support additional channels using IP Cameras:
4CH DVR + 2 extra IP channels = Total of 6 channels
8CH DVR + 4 extra IP channels = Total of 12 channels
16CH DVR + 8 extra IP channels = Total of 24 channels
- ❖ H.264 Dual-stream video compression
- ❖ Penta-Brid supports (HDCVI/XVI, TVI, AHD, CVBS, IP)*
- ❖ Support 1 SATA HDD up to 6TB each
- ❖ Multiple network monitoring:
Web viewer, HD VMS & Mobile phone viewer
- ❖ Full HD over UTP or Coax cable
- ❖ 3D intelligent positioning with WatchNET
PTZ dome camera

HD

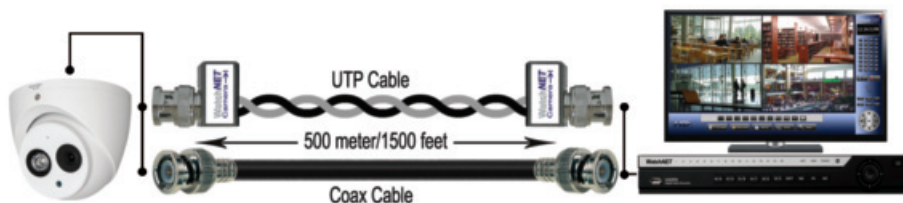
Video, PTZ Control & OSD
in just one cable

Full HD
1080p

Camera Features:

1/2.7" 2.1MP HD CMOS image sensor

- ❖ 2.1MP HD IR Turret Camera
- ❖ 25/30fps@1080p
- ❖ High speed, long distance real-time transmission
- ❖ Day/Night(ICR), AWB, AGC, BLC, 2DNR
- ❖ 2.8mm fixed lens
- ❖ Max. IR LEDs length 50m/164feet, Smart IR
- ❖ IP67, DC12V
- ❖ Control over coaxial cable
- ❖ Day/Night (ICR), AWB, AGC, BLC, 3D-DNR
- ❖ CVI Compatible Camera



iPhone



Model	EVI-0821	
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, 1 HDMI, 1 VGA, 1 BNC
	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
	Display Split	1/4/8/9/16
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Compression	H.264+ / H.264
	Image Resolution	1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
	Record Speed	Main Stream: 1080P(1~15fps) 720p / 960H / D1 / HD1 / BCIF / CIF / QCIF (1~25/30fps) Sub stream: D1/CIF/QCIF(1~25/30fps)
	Bit Rate	1Kbps ~ 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
	Trigger Events	N/A
Video Detection & Alarm	Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Camera Blank
	Alarm Input	N/A
	Relay Output	N/A
	Sync Playback	1/4/9
Playback & Backup	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 (100M)
	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 6TB each
Auxiliary Interface	USB Interface	2 USB 2.0
	RS232 / RS485	N/A / 1 Port, for PTZ Control
General	Power Supply	DC12V/2A
	Power Consumption	<10W (Without HDD)
	Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Dimension (W×D×H)	Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")
	Weight	1.5kg (3.3 lb) (without HDD)

Model	XVI-21IRBT	
Image Sensor	1/2.7" 2.1MP HD CMOS image sensor	
Effective Pixels	1920(H) x 1080(V)	
Electronic Shutter	1/60s~1/100,000s	
Mini. Illumination	0.02Lux/F2.0, 0Lux IR on	
OSD Menu	Support	
Day/Night	Auto(ICR) / B&W / Color	
Synchronization	Internal	
Noise Reduction	2D	
Max. IR LEDs Length	50m/164feet, Smart IR	
Lens		
Focal Length	Fixed 2.8mm	
Mount Type	M12	
Video		
Video Output	1-channel BNC HD CVI high definition video output	
Video Frame Rate	30fps@1080p	
Environmental		
Ingress Protection	IP67	
Power Supply	DC12V±25%	
Power Consumption	Max 4.5W	
Transmission Distance	Over 500m via 75Ω coaxial cable	
Operating Temp. Humidity	-35°C ~ +60°C / -31°F ~ +140°F, 10% ~ 90%	
Dimension / Weight / Material	106mm × 94mm / 4.17" × 3.70" / 0.45kg / 0.99lb / Metal	

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