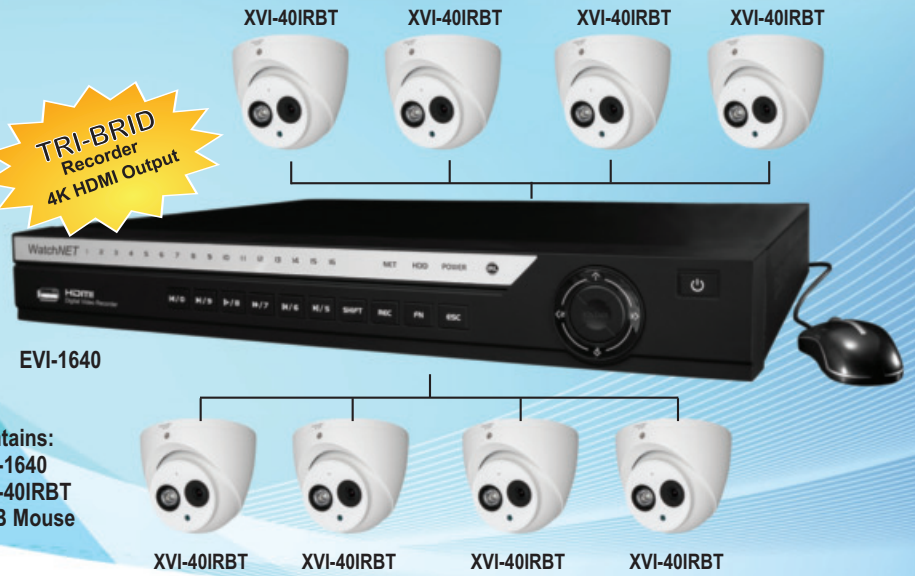


XVI

ENHANCED CVI
HD over UTP / Coax

**TRI-BRID
Recorder
4K HDMI Output**



Kit Contains:
1 - EVI-1640
8 - XVI-40IRBT
1 - USB Mouse



- 16 Ch Embedded DVR with 2TB HDD plus X8 4MP 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
- 8 x 4MP 2.8mm Cameras with BNC Connector, Smart IR, OSD, IP67 & DC12V



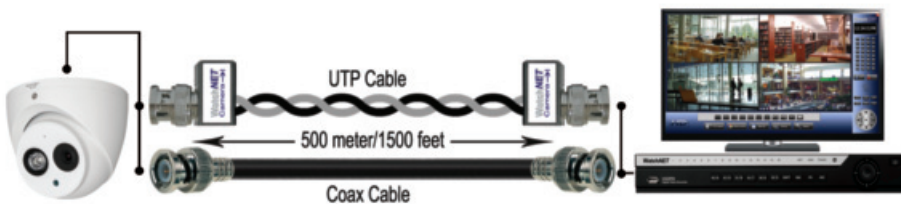
DVR Features:

- 16 Channel HD Digital Video Recorder**
- Embedded LINUX OS
 - H.264+/H.264 dual-stream video compression
 - Supports 4MP XVI Technology
 - Support Analog, (XVI / CVI) / IP*
 - Support additional channels using IP Cameras:
16CH DVR + 8 extra IP channels = Total of 24 channels
 - HDMI output up to 4K (3840x2160) resolution
 - Support 2 SATA HDD
 - 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

Video, PTZ Control & OSD
in just one cable

Camera Features:

- 4MP HD IR Camera**
- 1/3" 4MP HD CMOS image sensor
 - Max 4MP real-time
 - 25fps@4MP, 25/30fps@1080P, 25/30fps@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
 - Control over coaxial cable
 - CVI Compatible Camera



Model	EVI-1640	
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(up to 3840x2160),1 VGA
	Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
	Display Split	1/4/8/9/16/25
	OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	Compression	H.264+ / H.264
	Image Resolution	4MP, 1080P, 720P, 960H, D1, HD1, BCIF, CIF, QCIF
	Record Speed	Main Stream: 1st channel 4K(1~12/15fps)/ 4MP(1~15fps), others 4MP(1~15fps);1080P/720P/960H/D1/HD1/BCIF/CIF/QCIF (1~25/30fps) Sub stream: D1/CIF/QCIF(1~25/30fps)
	Bit Rate	1Kbps ~ 12288Kbps 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	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
	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	1/4/9/16
	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 2 SATA HDD up to 6TB 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/5A
	Power Consumption	<15W (Without HDD)
	Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
	Dimension (WxDxH)	1U, 375mm×287mm×53mm (14.8" x 11.3" x 2.1")
	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: 1/4s~1/100,000s / NTSC: 1/3s~1/100,000s
Minim. Illumination	0.01Lux/F1.5, 0Lux IR on
OSD Menu	Multi-language
Day/Night	Auto (ICR) / Manual
BLC Mode	BLC / HLC / WDR
Noise Reduction	2D / 3D
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	25fps@4MP, 25/30fps@1080P, 25/30fps@720P
Environmental	
Ingress Protection	IP67
Power Supply	DC12V±25%
Power Consumption	Max 5.3W
Transmission Distance	Over 500m via 75Ω coaxial cable
Operating Temp. Humidity	-30°C ~ +60°C / -22°F ~ +140°F, 10% ~ 90%
Dimension / Weight / Material	106mm × 93.7mm / 4.17" × 3.70" / 0.45kg / 0.99lb / Aluminum

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