VT-TR8NHA1620

VITEK Transcendent Series Hybrid NDAA Compliant 16 Channel 8MP [4K] Digital Video Recorder [PRELIMINARY SPECIFICATIONS]

KEY FEATURES

- 16 Channel HD-TVI / AHD / CVI / CVBS BNC Inputs + IP Cameras
- 16 Ch. TVI / AHD /CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1
- Add 8 additional IP Cameras for a Total of 24 Cameras, and Able to Change up to 8 HDA Inputs to IP for 16 IP and 8 HDA Cameras
- Recording Frame Rate: 4K@128fps, 4K Lite@240fps, 5MP@192fps, 5MP Lite@320fps, 4MP/3MP@240fps, 4MP Lite/1080P/720P/WD1/D1@480fps
- H.265 / H.264 Compression
- HDMI, VGA, and BNC (Spot) Video Outputs
- 8 Ch. Audio In + 1 Ch. Audio Out, 2-Way Audio Takes up 1 input Ch.
- Smart Search - Highlight colors to display recordings in a certain time period: different colors refer to different events
- PTZ Control over Coax (CoC), RS-485
- 16 Alarm inputs / 4 Alarm Output
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Free VMS (Video Management Software) Lite and Standard versions available for organized viewing of multiple sites
  [For Enterprise version please contact your Vitek Reseller]
- 2 Internal SATA2/SATA3 HDD Slot supporting up to 24TB (2 × 12TB HDD) + E-SATA
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & VMS Central Management Software Included
- Support NAT function and QRCode scanning by mobile phones
- Supports both Dynamic and Static IP Addresses
- HDMI 4K output, true high resolution display
- Control locally via USB Mouse or IR Remote Control
- Heavy duty rack ears included
- 3-Year Warranty

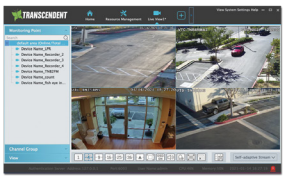
NDAA COMPLIANT

4K 8MP

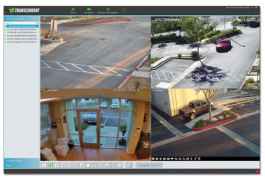
VITEK Transcendent Series 8MP DVR!

Featuring H.265 Compression and the latest System-on-Chip (SOC) Technology, these ultra versatile, user-friendly NDAA Compliant High Def. 5-in-1 Analog (COAX-Based) Digital Recorders support recording and playback of TVI, CVI, AHD and CVBS format cameras up to 8MP with 4K HDMI Output. Supporting 8MP [4K] / 5MP / 4MP / 3MP / 1080P / 720P /WD1, they are DVRs in nature, but they also offer maximum IP channel support in Full Hybrid Mode.

VITEK TRANSCENDENT VMS 2.0



Local Management, Viewing Interface & Remote Viewing with Web Browsers



Remote Viewing Using Mac OSX

Apps Available for iPhone, iPad, & Android Devices

REAR PANEL

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[Preliminary] DETAILED SPECIFICATIONS

Video Inputs	16 Channels HD-TVI / AHD / CVI / CVBS Analog BNC Inputs Supporting up to 8MP[4K]
Additional IP Camera Support	8 IPCs (8MP [4K] and Lower @ 30fps)
Compression	H.265 / H.264
Recording	4K@128fps, 4K Lite@240fps, 5MP@192fps, 5MP Lite@320fps, 4MP/3MP@240fps, 4MP Lite/1080P/720P/
Local Playback	16 Ch.
OS	Embedded Linux
Video Output	1 × HDMI (up to 3840 × 2160) / 1 × VGA (1920 × 1080) / 1 × BNC Spot (Analog)
Multi Operation (Pentaplex)	Live Display/Record/Playback/Backup/Remote Access
Audio	Input: RCA × 8 / Output: RCA × 1 (linear, 600Ω)
Two-Way Audio	Yes - takes up one ch. audio input
Audio Compression	G.711(U/A)
Bit Rate	32Kbps ~ 5Mbps
Encode, Quality Levels	VBR / CBR, 6 level
Multi-Screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16 / 25
Recording Modes	Manual, Timer, Motion, Sensor
Search	Time Sliced, Time, Event, Tag, Smart Search Management
Function	Play, Pause, FF, FB, Digital Zoom
Alarm In/Out	16 Alarm Inputs / 4 Alarm Outputs
Alarm Triggering	Manual, Motion, Exception, Smart Event
Network Interface	RJ45 1000Mbps × 1
Remote Viewing	CMS / Web Browser / Mobile Platforms
Remote Playback	16 Ch.
Dual-stream	Individual Streams (Network Video + Local Rec.) Set Separately
Remote Users	10 users online, dual stream
RS485	RS485 × 1 (for PTZ) - Half Duplex: Connect to PTZ or Keyboard
PTZ Protocol	Control over Coax, Pelco D / Pelco P - Supports Preset and Auto Cruise, up to 255 Presets and 8 cruises
Network Protocols	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, SMTP, RTSP, HTTP
Network Bandwidth	Incoming: 32Mbps, Outgoing: 96Mbps
SATA HDD	Up to 24TB (2 × 12TB) + 1 × E-SATA
USB	USB 3.0 × 1; USB2.0 × 1 for Mouse and USB Backup Devices
Accessories	Remote Control (Optional), SATA cable, USB mouse
Power Consumption	≤ 30W (Without HDD)
Power Supply	DC: 12V / 4A
Working Environment	32°~104°F (-10°~50°C) / 10~90% RH
Dimensions (W × D × H)	14.96 × 10.55 × 1.77" / 380 × 268 × 45mm
Weight	4.10lbs (1.85kg) Net w/o HDD, 6.72lbs (3.05kg) Shipping Weight w/o HDD