VT-TR8NHA820

Transcendent Series 8MP (4K) 8 Ch. 5-In-1
HD-TVI / AHD / CVI / 960H / IP Digital Video Recorder

VITEK
INDUSTRIAL VIDEO PRODUCTS, INC.

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TRANSCENDENT
VITEK

NDAA COMPLIANT



4K
8MP

OVERVIEW

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. Although they are DVRs in nature, they also offer maximum IP channel support in Full Hybrid Mode.

KEY FEATURES

- 8 Channel HD-TVI / AHD / CVI / CVBS BNC Inputs + IP Camera Support
- 8 Additional IP Cameras (up to 8MP) can be added for a total of 16 Cameras. IP Video Input: 8MP[4K] and Lower @30fps
- Analog Channel Recording: 4K@56fps, 4K Lite@120fps, 5MP@96fps, 5MP Lite@160fps, 4MP/3MP@120fps, 4MP Lite/1080P/720P/WD1/D1@240fps
- 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
- 8 Alarm inputs / 2 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 40TB (2 × 20TB HDD) + E-SATA
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Control locally via USB Mouse or IR Remote Control
- 3 Year Warranty

REAR PANEL



SPECIFICATIONS

Video Inputs	8 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	8MP[4K]@56fps, 4K Lite@120fps, 5MP@96fps, 5MP Lite@160fps, 4MP/3MP@120fps, 4MP Lite/1080P/720P/WD1/D1@240fps
Local Playback	8 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 / Compression	Yes - takes up one ch. audio input / G.711(U/A)
Bit Rate	32Kbps ~ 8Mbps
Encode, Quality Levels	VBR / CBR, 6 level
Multi-Screen Display	1 / 4 / 6 / 8 / 9 / 16
Recording Modes	Manual, Timer, Motion, Sensor
Search	Time Sliced, Time, Event, Tag Management
Function	Play, Pause, FF, FB, Digital Zoom
Alarm In/Out	8 Alarm Inputs / 2 Alarm Outputs
Alarm Modes	Manual, Motion, Exception, Smart Event
Alarm Triggering	Record, PTZ Move, Relay Out, E-mail, etc
Network Interface	RJ45 1000Mbps × 1
Remote Viewing	CMS / Web Browser / Mobile Platforms
Remote Playback	8 CH
Dual-stream	Individual streams (network video + local rec.) set separately
Remote Users	10 users online, dual stream
RS485	RS485 × 1 (for PTZ)
PTZ Protocol	Control over Coax, Pelco D / Pelco P
Network Protocols	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, SMTP, RTSP, HTTP
Network Bandwidth	Incoming: 32MBps, Outgoing: 96Mbps
SATA HDD	Up to 40TB (2 × 20TB) + 1 × E-SATA
USB	2 x USB2 for mouse and USB backup devices
Accessories	Remote controller, SATA cable, USB mouse
Power Consumption	≤ 15W (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

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
ANDROID APP ON Google play
Download on the App Store

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An Eye On Innovation