

# VT-TR8NHA3280

VITEK Transcendent Series Hybrid NDAA Compliant 32 Channel 8MP [4K] Digital Video Recorder



## KEY FEATURES

- 32 CH. Multi-Format Hybrid DVR with HD-TVI / AHD / CVI / CVBS BNC Inputs + ability to add up to 8 IP cameras for a total of 40 cameras. Also able to change up to 8 HDA inputs to IP for a configuration of 24 HDA cameras and 16 IP (IP Cameras @8MP Max - Bandwidth Limitations may Apply)
- Analog Channel: 4K@8fps(PAL/NTSC), 4K Lite@12/15fps(PAL/NTSC), 5MP @12fps (PAL/NTSC), 5MP Lite@20fps (PAL/NTSC); 4MP/3MP@12/15fps(PAL/NTSC), 4MP Lite/1080P/720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
- HDMI 1: 3840x2160 / 1920x1080 / 1280x1024 HDMI 2: 1920x1080 / 1280x1024 / 1024x768 (HDMI1 & 2 Output to Different Video Source) VGA x 1: 1920x1080 / 1280x1024 (VGA and HDMI1 Output the Same Video Source) BNC x 1: CVBS (Main or Spot Output)
- Multi-Screen: 1/4/6/8/9/13/16/25/32/36 (Main), 1/4/6/8/9 (Aux), 36 + 9 (Total)
- H.265/ H.264 Video Compression
- 16 Ch. Audio In + 1 Ch. Audio Out + 1 Mic In + 1 Mic Out, 2-Way Audio Takes up 1 input Ch.\*
- Supports ONVIF Compliant IP Camera models
- Dual Gigabit LAN/WAN Ports, USB 2.0 x 2 USB 3.0 x 1
- Bandwidth - In: 48Mbps (max 96Mbps) Out: 192Mbps
- Tripwire, Intrusion, Object Detection / Removal (IP Camera Dependent), Exception (IP Camera Dependent)
- 8 Internal SATA2/3 HDD Slot w/up to 96TB (8 x 12TB HDD) Internal Storage + RAID 0, 1, 5, 6, 10
- RS485 x 1 (PTZ) - Half Duplex: PTZ
- Mobile Apps for iOS® & Android® Remote Viewing over the Internet via Web Browser or LAN
- Free VMS (Video Management Software) Lite and Standard versions available for organized viewing of multiple sites
- Web-based remote configuration
- Control locally via USB Mouse or with the Included IR Remote control
- Heavy duty rack ears included
- 3-Year Warranty



## 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.

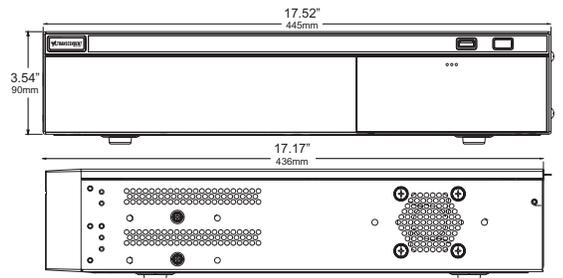
## VITEK TRANSCENDENT VMS 2.0



Local Management, Viewing Interface & Remote Viewing with Web Browsers

Remote Viewing Using Mac OS X

Apps Available for iPhone, iPad, & Android Devices



TRANSCENDENT

HD-OVER-COAX MULTI-FORMAT

32 CHANNELS

4K RESOLUTION (8 MEGAPIXEL)

DUAL LAN

DUAL HDMI

VGA

NDAA COMPLIANT

## REAR PANEL



\*Research local, state and federal laws regarding the implementation of audio surveillance.

An Eye On Innovation

www.vitekccv.com

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## DETAILED SPECIFICATIONS

<b>Video Inputs</b>	32 Channels HD-TVI / AHD / CVI / CVBS Analog BNC Inputs Supporting up to 8MP[4K]
<b>Additional IP Camera Support</b>	8 IPCs (up to 16Ch.) (8MP [4K] and Lower @ 30fps), for a Total of 40 Cameras
<b>Compression</b>	H.265 / H.264
<b>Analog Video Input</b>	4K@480fps, 5MP@640fps, 4MP/3MP/1080P/720P/WD1/D1@960 (Real Time)
<b>Recording (COAX)</b>	4K@256fps, 4K Lite@480fps, 5MP@384fps, 5MP Lite@640fps, 4MP/3MP@480fps, 4MP Lite/1080P/720P/WD1/D1@960fps
<b>Local Playback</b>	16 Channels
<b>OS</b>	Embedded Linux
<b>Video Output</b>	HDMI 1: 3840×2160/1920×1080/1280×1024, HDMI 2: 1920×1080/1280×1024/1024×768 (HDMI 1 & 2 Output to Different Video Source) / 1 × VGA (1920 × 1080) / 1 × BNC Spot (Analog)
<b>Multi Operation (Pentaplex)</b>	Live Display / Record / Playback / Backup / Remote Access
<b>Audio</b>	Input: RCA × 16 / Output: RCA × 1 (linear, 600Ω)
<b>Two-Way Audio</b>	Yes - takes up one ch. audio input
<b>Audio Compression</b>	G.711(U/A)
<b>Bit Rate</b>	32Kbps ~ 5Mbps
<b>Multi-Screen Display</b>	1/4/6/8/9/13/16/25/32/36 (Main), 1/4/6/8/9 (Aux), 36 + 9 (Total)
<b>Recording Modes</b>	Manual, Timer, Motion, Sensor
<b>Search</b>	Time Sliced, Time, Event, Tag, Smart Search Management
<b>Function</b>	Play, Pause, FF, FB, Digital Zoom
<b>Alarm In/Out</b>	16 Alarm Inputs / 8 Alarm Outputs
<b>Alarm Triggering</b>	Manual, Motion, Exception, Smart Event
<b>Network Interface</b>	RJ45 1000Mbps × 2
<b>Remote Viewing</b>	VMS / Web Browser / Mobile Platforms
<b>Dual-stream</b>	Individual Streams (Network Video + Local Rec.) Set Separately
<b>Remote Users</b>	20 users online, dual stream
<b>RS485</b>	RS485 × 1 (for PTZ) - Half Duplex: Connect to PTZ
<b>PTZ Protocol</b>	Control over Coax, Pelco D / Pelco P - Supports Preset and Auto Cruise, up to 255 Presets and 8 cruises
<b>Network Protocols</b>	TCP/IP, HTTP(S), 802.1x, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
<b>Network Bandwidth</b>	Incoming: 48Mbps (max 96), Outgoing: 192Mbps
<b>Storage</b>	SATA Up to 96TB (8 × 12TB) + RAID 0, 1, 5, 6, 10
<b>USB</b>	USB 3.0 × 1; USB2.0 × 2 for Mouse and USB Backup Devices
<b>Accessories</b>	Remote Control (Optional), SATA cable, USB mouse
<b>Power Consumption</b>	≤ 50W (Without HDD)
<b>Power Supply</b>	ATX-200W
<b>Working Environment</b>	32°~104°F (-10°~50°C) / 10~90% RH
<b>Dimensions (W × D × H), Weight</b>	17.52 × 17.17 × 3.54" (445 × 436 × 90mm) / Net: 12.57 lbs (5.7kg), Gross: 16.13lbs (7.4kg)
<b>Certificates and Environmental</b>	CE, FCC, Complies with Directive EU RoHS, WEEE, REACH