VT-TNR3216PFN

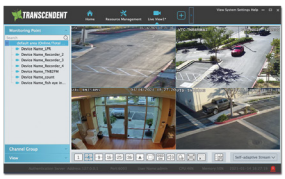
Transcendent Series NDAA Compliant 32 Channel 12.0 MegaPixel Real Time PoE Network Video Recorder

KEY FEATURES

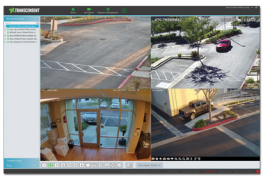
- 32 Channel Stand-alone Real-time IP Network Video Recorder
- 12MP at 20fps per channel (640fps Total) and 8MP or Lower at 30fps per channel (960fps Total)
- 4K HDMI (× 2) & VGA Video Outputs
- H.265S / H.265+ / H.265 / H.264 Video Compression
- Gen. IV Advanced Analytics [Camera Dependent]: Regional Entrance / Exit, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification] Face Detection, Object Missing, Exception
- 32 Ch., 32 Library, 10,000 Face Pic Database, Compare 18 Pics / Second
- Supports License Plate Recognition Cameras + Panoramic / Peri-Cams [180° and 360°] + Fisheye / 360° Camera DeWarping [WEB & APP]
- Plug and Play/Auto-Configuration for most ONVIF Compliant IP Cameras
- Internal 16-Port PoE Switch
- 2 × 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 8 Internal SATA2 / SATA3 HDD Slots [up to 96TB Total (8 × 12TB)]
- Network Based PTZ Control
- Applications 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 *[For Enterprise version please contact your Vitek Reseller]*
- Supports both Dynamic and Static IP Addresses, & Web-based Remote Configuration
- Control locally via USB Mouse or with the Included IR Remote control
- 3 Year Warranty

Included Accessories: *Remote Control, Heavy Duty Rack Ears [for mounting], SATA Cables, Power Cord, Mouse, and Hardware*

VITEK TRANSCENDENT VMS



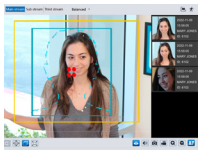
Local Management, Viewing Interface & Remote Viewing with Web Browsers



Remote Viewing Using Mac OSX

Apps Available for iPhone, iPad, & Android Devices

FACE DETECTION, LPR, 360° DE-WARPING & MORE!



FACIAL DETECTION

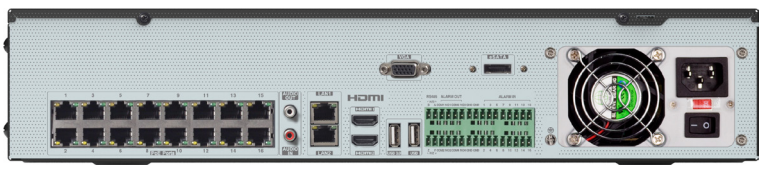
Security personnel can easily find out who entered / left the restricted area and at what time

LICENSE PLATE RECOGNITION

Supports 10,000 Plate Database, 0-75mph (120kmph) Capture Speed (Installation Dependent)

360° / FISHEYE CAMERA DEWARPING [WEB & APP]

Multiple Views include 360° Overview, Quad View, Overview + 3 Views, and Single View
**Also Supports Peri / Pano Cameras*

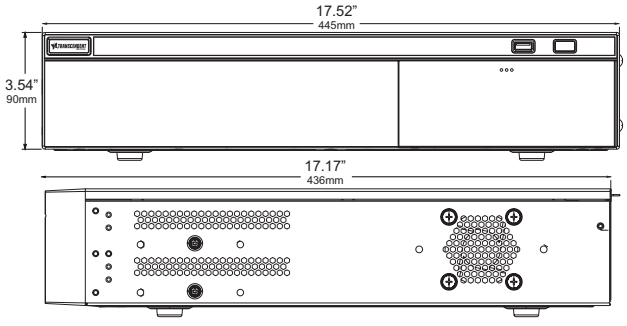


Rear Connections

VITEK Transcendent Series 12MP NVR!

Transcendent Series Network Video Solutions supporting Gen. IV Advanced Analytics combine the simplicity of Stand-Alone, Plug-and-Play Recorders and surveillance cameras with versatile designs and Advanced A.I. features, plus License Plate Recognition and 360° Camera De-Warping [web & app]. Available in 8, 32, 64 & 128 channel configurations, these simple to use and easy-to-install NVRs support HD IP security cameras up to 12 MegaPixel. A perfect pairing with Transcendent Gen. IV Advanced Analytic Cameras for quick, professional installation offering a variety of viewing options such as VMS and Web Browser along with simple yet intuitive IOS and Android apps. Both the Transcendent HD-over-Coax and NVRs share the same client, VMS viewing platform and Mobile apps.

DIMENSIONS



An Eye On Innovation

www.vitekcctv.com

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DETAILED SPECIFICATIONS

Video Input / Resolution	32 IP Ch. up to 12 MP: 12/8/6/5/4/3MP/1080P/1280×1024/960P/720P
Main Monitor Output (HDMI1, HDMI 2, VGA)	HDMI 1: 3840×2160 @60fps/30fps, 1080P/1280×1024/1024×768, HDMI 2: 1920×1080/1280×1024/1024×768, VGA: 1920×1080/1280×1024/1024×768
Multi-Screen Display	Main Output: 1/4/6/8/9/13/16/25/32/36 (Live View), AUX Output: 1/4/6/8/9 (Live View), Max. 32 + 9Ch. Local View
Multi Operation	Pentaplex: Live Display / Record / Playback / Backup / Remote Access
Recording Compression	H.265S / H.265+ / H.265 / H.264
OS	Embedded Linux
Recording Resolution	640fps @ 12MP (20fps per channel), 960 fps ≤8MP (30fps per channel)
Audio over IP Inputs	32 (Camera Dependent)
2-Way Audio, Local Audio In/Out	YES, IN: RCA × 1Ch. / OUT: RCA × 1Ch. G.711 (U/A Compression)
Encode	CBR / VBR
Recording Modes	Manual / Timer / Motion / Sensor / Alarm / AI
File Management	Reserving time, Redundancy, Dual Stream Recording
Local Playback	16Ch.
Gen. IV Advanced Analytics [Camera Dependent]	Regional Entrance/Exit, Line Crossing, Target Counting [All by Human/Motor Vehicle Classification] Face Detection [FD], Object Abandoned/Missing, Video Blur, Color Cast, Abnormal Video + License Plate Recognition & Fisheye Dewarping [WEB & APP]
Face Detection	32Ch., 32 Libraries (10,000 Face pics), 18 pics/sec Computing, Search by Pic, Add/Modify/Delete/Search Pics, Add pics w/ App, Web, Ext. Import, Supports Allow/Block Lists and Stranger Match Alarm, Track Display on Map, Bar Graph Stats by Time Period
License Plate Recognition	Supports Overview and Cut-Out of Plate, 10,000 Plate Database, 0-75mph (120kmph) Capture Speed (Installation Dependent)
360° Camera De-Warping	Multiple Views include 360° Overview, Quad, Overview + 3 Views, and Single View [WEB & APP]
Search	Time Sliced Image Search, Time/Calendar Search, Event (Motion, External Alarm), Tag Search
Smart Search	Highlighted Color to Display Certain Time Periods - Colors Refer to Different Recorded Events
Alarm Modes	Sensor, Motion, Video loss, IP conflict, Disk Error, Illegal access, Network Disconnection, Smart Events
Alarm In/Output & Triggering	16Ch. / 4Ch. / Record, Snap, Alarm out, E-mail
Network Interface	RJ45 10 / 100 / 1000 Mbps × 2
Total Bandwidth	192Mbps Incoming / 192Mbps Outgoing [384Mbps Total]
Dual-stream	Individual Network Video Stream and local recording stream, set separately
Network Protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, RTSP, HTTP, HTTPS, 802.1x, SNMP, ONVIF
Remote Viewing	VMS / Web Browser / Mobile Platforms [iOS, Android]
Backup	Network, U Disk, USB Mobile HDD
SATA HDD	SATA × 8, Max 12TB each (96TB Total)
USB	USB 3.0 × 1, USB 2.0 × 2
RS485	RS485 (Full-Duplex), Connect to PTZ
PTZ Protocol, Support	Through Network or RS485 (Pelco D / Pelco P), PTZ Preset and Auto Cruise, up to 255 Presets and 8 Cruises
Power Consumption / Supply	<30W (No HDD), ATX300W (PoE)
Working Environment	14°F~122°F (-10°~50°C) / 10~90% RH
Dimensions (W×D×H)	17.52 × 17.17 × 3.54" (445 × 436 × 90mm)
Weight	Net: 12.57 lbs (5.7kg), Gross: 16.13lbs (7.4kg)