

# VT-TNR3216PFN

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



## KEY FEATURES

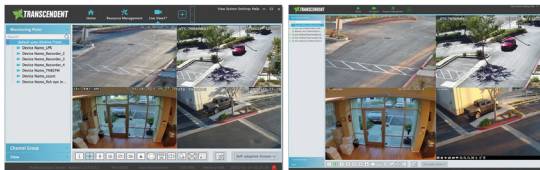
- 32 Channel Stand-alone Real-time IP Network Video Recorder
- 12MP at 20fps per channel (640fps Total) and 8MP or Lower at 30fps per channel (960fps Total)
- 4K HDMI (x 2) & VGA Video Outputs
- H.265S / H.265+ / H.265 / H.264 Video Compression
- Gen. IV Advanced Analytics [Camera Dependent]: Regional 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 x 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 8 Internal SATA2 / SATA3 HDD Slots [up to 96TB Total (8 x 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



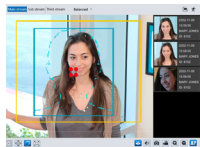
Local Management, Viewing Interface & Remote Viewing with Web Browsers

Remote Viewing Using Mac OS X



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]

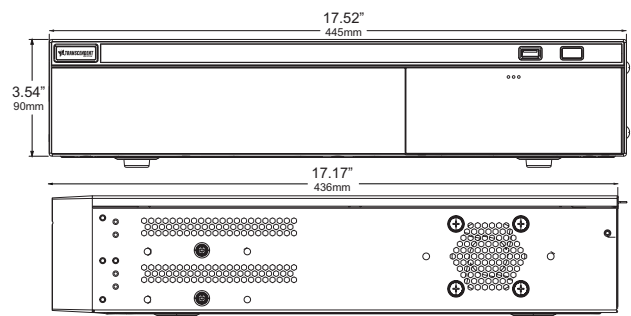
Multiple Views include 360° Overview, Quad View, Overview + 3 Views, and Single View  
\*Also Supports Peri / Pano Cameras



## 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



Rear Connections

An Eye On  
Innovation

www.vitekcctv.com



## DETAILED SPECIFICATIONS

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