VT-TNR818PFN

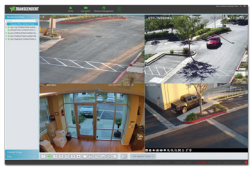
Transcendent Series NDAA Compliant 8 Channel 12.0 MegaPixel Real Time PoE Network Video Recorder **[PRELIMINARY SPECIFICATIONS]**

KEY FEATURES

- 8 Channel Stand-alone Real-time IP Network Video Recorder
- 12MP Recording @ 20fps per Channel, 8MP [4K] Recording @ 30fps per channel
- 4K HDMI & VGA Video Outputs
- H.265S / H.265+ / H.265 / H.264 Video Compression
- Gen. IV Advanced Analytics: Regional Entrance / Exit, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification] Face Detection, Object Missing, Exception
- Supports License Plate Recognition IP Cameras + Fisheye / 360 Camera DeWarping• Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 8-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 1 Internal SATA2 / SATA3 HDD Slot supporting up to 12TB
- Network Based PTZ Control
- Applications for iOS® & Android®
- Remote Viewing via Web Browser
- 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

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

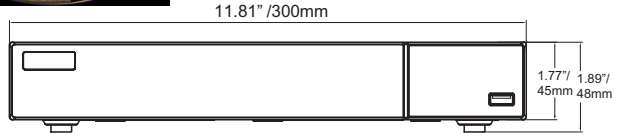
FISHEYE DE-WARPING

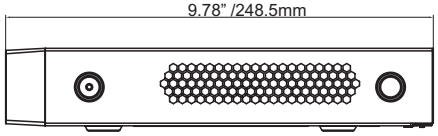
Fish Eye De-Warping: Multiple Views include 360° Overview, Double 180° Panorama View, Quad View, Overview + 3 Views, and Single View

VITEK Transcendent Series 12MP NVR!

Transcendent Series Network Video Solutions combine the simplicity of Stand Alone, Plug and Play Recorders and surveillance cameras with professional features and versatile design options. Available in 4, 8, 32, 64 and 128 channel configurations, these simple to use and easy to install NVRs support High Definition IP security cameras up to 12 Megapixel. A perfect pairing with Transcendent IP 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 TVI and Network recorders share the same client, VMS viewing platform and Mobile apps. Camera options include fixed, motorized varifocal and vandal / weather resistant models.

DIMENSIONS





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[Preliminary] SPECIFICATIONS

Video Input / Resolution	8 IP Channels up to 12 MegaPixel
Main Monitor Output	1 × 4K HDMI / 1 × 1080P VGA
Multi Operation	Pentaplex: Live Display / Record / Playback / Backup / Remote Access
Recording Compression	H.265S / H.265+ / H.265 / H.264
OS	Embedded Linux
Recording	160fps @ 12MP (20fps/ch.), 240fps @ 8MP (30fps/ch.)
Audio over IP Inputs	8 (IP Camera Dependent)
Local Audio In/Out	IN: RCA x 1CH / OUT: RCA × 1CH
Two-Way Audio	YES
Decoding - Live View	1CH 12MP / 4CH 1080P
Recording Modes	Manual / Timer / Motion / Sensor
Local Playback	8CH
Gen. IV Analytics	Regional Entrance / Exit Detection, Line Crossing, Target Counting [Human / Motor Vehicle Classification] Face Detection [FD], Object Missing / Abandoned, Video Blur, Color Cast Detection, Abnormal Video + Supports LPR IP Cameras & Fisheye Dewarping
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
Alarm Inputs	8 CH local alarm input, 4 CH ouput
Alarm Triggering	Schedule Recording, NO / NC, Time Duration, Record Configuration, Snapshot, Presets, Push Notification, Alarm Out, Buzzer, Pop-up Video, Pop-up Message, Email
Network Interface	RJ45 × 1 (1000mbps)
PoE Ports / PoE Standard	RJ45 × 8, with PoE, Output Power <96W / IEEE802.3AF
Total PoE Budget	96W all ports
Bit Rate (Per Camera)	512Kbps ~ 10 Mbps (Adjustable)
Total Bandwidth	80Mbps Incoming / 80Mbps Outgoing
Dual-stream	Individual Network Video Stream and local recording stream, set separately
Network Protocols	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS, Email, UPNP, NAT
Remote Viewing	VMS / Web Browser / Mobile Platforms
RS 485	Yes (full-duplex), Connect to PTZ or Keyboard
Backup	Network, USB
SATA HDD	SATA × 1, Max 12TB Total
PTZ Protocol	Through Network
USB	USB 3.0 × 1, USB 2.0 × 2
Pwr Consumption / Supply	≤ 20W (Without HDD and PoE Power Supply) / 48V/2.5A
Working Environment	14°~122°F / -10°C ~ 50°C @ 10% ~ 90% RH
Dimensions (W × H × D)	11.81" × 1.77" × 9.78" (300mm × 45.0mm × 248.5mm)
Weight (Net / Shipping)	2.69lbs / 5.16lbs, 43.03oz / 82.54oz, 1.22kg / 2.34kg