

# VT-TNR3216P

32 Channel 8 MegaPixel H.265 Real Time Network Video Recorder with 4K Output & 16 Port PoE Switch



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, and 64 channel configurations, these simple to use and easy to install NVRs support High Definition IP security cameras up to 8 Megapixel. A perfect pairing with Transcendent IP Cameras for quick, professional installation offering a variety of viewing options such as Central Monitoring (CMS) and Internet Explorer along with simple yet intuitive IOS and Android apps. Both the Transcendent TVI and Network recorders share the same client, CMS viewing platform and Mobile apps. Camera options include fixed, varifocal and vandal / weather resistant models.

## FEATURES

- 32 Channel Stand-alone Real-time IP Network Video Recorder
- Full 8 Megapixel Real-time recording (960fps) with 16 Channel (480fps) playback
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal 16-Port PoE Switch
- 1 Gigabit LAN Port
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 16 Local Alarm Inputs / 4 Alarm Outputs
- 8 Internal SATA2/SATA3 HDD Slots supporting up to 80TB (8 x 10TB HDD) Internal Storage
- RS485 & Network Based PTZ Control
- 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
- Web-based remote configuration
- Control locally via Front Panel Controls, USB Mouse, or with the Included IR Remote control
- Heavy duty rack ears included



Local Management, Viewing Interface & Remote Viewing with Web Browsers



Remote Viewing Using Mac OS X



Apps Available for iPhone, iPad, & Android Devices



Rear Connections



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An Eye On Innovation

### VT-TNR3216P Specifications

Video Input / Resolution	32 IP Channels up to 8 MegaPixel
Main Monitor Output	1 x 4K HDMI / 1 x 1080P VGA
Multi Operation	Pentaplex: Live Display / Record / Playback / Backup / Remote Access
Recording Compression	H.265 / H.264
OS	Embedded Linux
Recording	960fps (30fps per channel)
Audio over IP Inputs	32 (1 Audio Channel per IP Camera over IP)
Local Audio In/Out	IN: RCA x 1CH / OUT: RCA x 1CH
Two-Way Audio	YES
Encode	CBR
Quality Levels	11 level (According to Bit Rate)
Recording Modes	Manual / Timer / Motion / Sensor
File Management	Reserving time, Redundancy, Dual stream recording
Local Playback	16CH
Search	Time sliced image search, Time/Calendar search, Event (Motion, External alarm), Tag search
Alarm Modes	Sensor, Motion, Video loss, IP conflict, Disk error, Illegal access, Network disconnection
Alarm Inputs	16CH Local Input + 1 Channel per IP Camera
Alarm Output	4CH
Alarm Triggering	Record, Snap, PTZ move, Alarm out, E-mail, etc
Network Interface	RJ45 x 1
POE ports	RJ45 x 16, with POE
PoE Standard	802.3af 15W max per port
Total PoE Budget	150W all ports
Bit Rate (Per Camera)	512Kbps ~ 10 Mbps (Adjustable)
Total Bandwidth	256Mbps Incoming / 256Mbps 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, Telnet
Internet-streaming	Total 95 task resource (Local+Remote) 16 CH IE playback
Remote Viewing	CMS / Web Browser / Mobile Platforms
Remote Users	10 Simultaneous Online Users
Backup	Network, USB
SATA HDD	SATA x 8, max to 10TB each
RS485	RS485 x 2 (for PTZ and Keyboard)
PTZ Protocol	Through Network or RS485 (Pelco D / Pelco P)
USB	USB 2.0 x 1 + USB 3.0 x 1 (for mouse and USB backup device)
Power Consumption	≤ 15W (Without HDD)
Power Supply	AC 110/220V (ATX 300W)
Working Environment	32°~122°F @ 10% ~ 90% RH
Weight	19.62lbs (8.9kg)
Dimensions (WxHxD)	16.93" x 3.54" x 17.72" (430 x 90 x 450mm)