

# VT-TNR818PN

8 Channel 8 MegaPixel [4K] Real Time PoE  
Network Video Recorder [Preliminary Specs]



VITEKCCTV.COM  
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**NDA  
COMPLIANT**



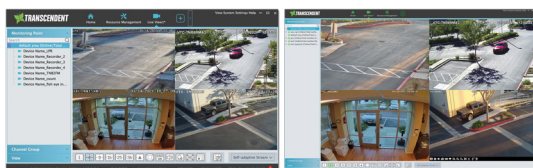
**VITEK  
LPR 4K  
8MP**



## KEY FEATURES

- 8 Channel Stand-alone Real-time IP Network Video Recorder
- Full 8 Megapixel [4K] Real-time recording (240fps) with 240fps Playback
- 4K HDMI & VGA Video Outputs
- H.265S / H.265+ / H.265 / H.264 Video Compression
- Tripwire, Intrusion, Object Detected/Missing, Exception, Crowd Density, People Intrusion and People Counting, License Plate Recognition, Human / Vehicle Classification
- 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 / 3 HDD Slot w/ up to 10TB (1 x 10TB HDD) Internal Storage
- 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

## VIDEO MANAGEMENT SOFTWARE



Local Management, Viewing Interface & Remote Viewing with Web Browsers

Remote Viewing Using Mac OSX



Apps Available for iPhone, iPad, & Android Devices

## REAR PANEL



## SPECIFICATIONS

|                              |                                                                                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Input / Resolution     | 8 IP Channels up to 8 MegaPixel [4K]                                                                                                               |
| Main Monitor Output          | 1 x 4K HDMI / 1 x 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                    | 240fps (30fps per channel)                                                                                                                         |
| Audio over IP Inputs         | 8 (IP Camera Dependent)                                                                                                                            |
| 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                                                                                                                   |
| Local Playback               | 8CH                                                                                                                                                |
| Analytics                    | License Plate Recognition, Tripwire, Intrusion, Object Detected/Missing, Exception, Crowd Density, People Counting, Human / Vehicle Classification |
| 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                 | IP Camera Dependent (No Local Input)                                                                                                               |
| Alarm Triggering             | Record, Snap, PTZ move, Alarm out, E-mail, etc                                                                                                     |
| Network Interface            | RJ45 x 1                                                                                                                                           |
| PoE ports                    | RJ45 x 8, with PoE                                                                                                                                 |
| PoE Standard                 | 802.3af 15W max per port                                                                                                                           |
| Total PoE Budget             | 100W 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, Telnet                                                                                      |
| Internet-streaming           | Total 28 task resource (Local+Remote) 4 CH IE playback                                                                                             |
| Remote Viewing               | CMS / Web Browser / Mobile Platforms                                                                                                               |
| Remote Users                 | 10 Simultaneous Online Users                                                                                                                       |
| Backup                       | Network, USB                                                                                                                                       |
| SATA HDD                     | SATA x 1, max 10TB each                                                                                                                            |
| PTZ Protocol                 | Through Network                                                                                                                                    |
| USB                          | USB 2.0 x 2 (for mouse and USB backup device)                                                                                                      |
| Power Consumption, Supply    | ≤ 10W (Without HDD), 48V/2.5A                                                                                                                      |
| Working Environment          | 32° ~ 122°F @ 10% ~ 90% RH                                                                                                                         |
| Dimensions (W x H x D)       | 11.81" x 1.77" x 9.80" (300mm x 45mm x 249mm)                                                                                                      |
| Weight Net, Shipping w/o HDD | 2.69, 5.1/lbs (1.22, 2.34kg)                                                                                                                       |



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