

# VT-TNR818PL

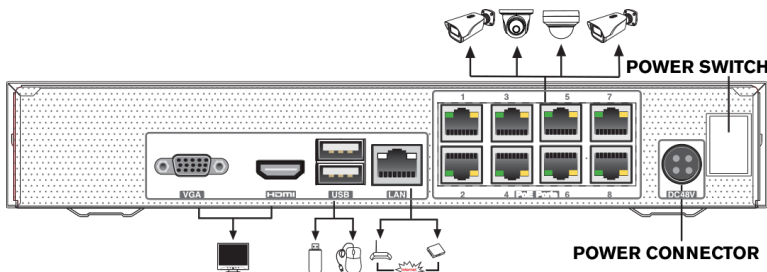
8 Channel 6 MegaPixel Real Time PoE  
Network Video Recorder



## KEY FEATURES

- 8 Channel Stand-alone Real-time IP Network Video Recorder w/ 1080P Hi Res Display
- Video Input: 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
- HDMI & VGA Video Output
- HDMI × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768
- VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
- Recording Res: 6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF
- Frame Rate: 6MP @20fps(NTSC/PAL), 5MP or lower @30fps/25fps(NTSC/PAL)
- H.265S / H.265+ / H.265 / H.264 Video Compression
- 8 Ch. Simultaneous Playback
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 8 Channel IPC Audio Input (1-Way Audio): HDMI Supported [No Local Output]
- Audio Compression: G.711(U/A)
- Decoding Capability: Live View / Playback -- 1Ch. 6MP, 4Ch. 720P
- Video Content Analytics(VCA): Object Missing, Region Intrusion, Tripwire, Exception
- Supports License Plate Recognition
- Plug and Play & Auto Configuration for Leading ONVIF Compliant IP Camera Models
- Multi-mode recording: Manual / Timer / Motion / Sensor / Smart Events
- Alarm Modes: Motion /Sensor Detection, A.I. Event, Temp., Exception Alarm, Mask
- Internal 8-Port PoE Switch
- 1 LAN Port
- USB 2.0 × 2 (Rear)
- 1 Internal SATA2/3 HDD Slot supporting up to 10TB (1 x 10TB HDD)
- Control locally via included USB Mouse or with Optional IR Remote Control
- Supports NAT Function and QR Code Scanning by Mobile Phones
- DHCP, DDNS, PPPoE network protocol
- Power Consumption: <6W (W/out HDD), Supply: DC 48V/2.5A
- 2-Year Warranty

## REAR PANEL



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## SPECIFICATIONS

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| Video Input / Resolution       | 8 IP Channels up to 6 MegaPixel<br>6MP/5MP/4MP/3MP/1080P/1280×1024/960P/720P/960H/D1/CIF                 |
| Main Monitor Output            | HDMI × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768<br>VGA × 1: 1920 × 1080 / 1280 × 1024 / 1024 × 768      |
| Multi Operation                | Pentaplex: Live Disp./Record/Playback/Backup/Remote Access                                               |
| Recording Compression          | H.265S / H.265+ / H.265 / H.264                                                                          |
| OS                             | Embedded Linux                                                                                           |
| Recording                      | 6MP @20fps(NTSC/PAL), ≤ 5MP @30fps/25fps(NTSC/PAL)                                                       |
| Audio                          | 8 Channel IPC Audio Input (Supported via HDMI)                                                           |
| Audio Compression              | G.711(U/A)                                                                                               |
| Recording Stream               | Dual Stream Recording                                                                                    |
| Recording Modes                | Manual / Timer / Motion / Sensor / Analytics                                                             |
| Simultaneous Playback          | Max. 8 Ch.                                                                                               |
| Playback Search                | Time Slice / Time / Event / Tag Search / Smart Search                                                    |
| Smart Search                   | Highlighted Color Displays the Recording in a Certain Time Period, Different Colors Refer to Dif. Events |
| Playback Function              | Play, Pause, Fast Forward / Back, Digital Zoom, Smart Events                                             |
| Alarm Modes                    | Manual, Sensor, Motion, Exception, Smart Events                                                          |
| Alarm Linkage                  | Record, PTZ, Cruise, Alarm Out, Pop-up Window, Email, Buzzer, App Push                                   |
| Alarm Input / Output           | Supports IP Camera Input / Output                                                                        |
| Alarm Triggering               | Record, Snapshot, Buzzer, Preset, E-mail                                                                 |
| VCA (Video Content Analytics)  | Object Missing, Region Intrusion, Tripwire, Exception                                                    |
| License Plate Recognition      | YES                                                                                                      |
| POS Information Overlay        | YES - On Live View and Playback                                                                          |
| Decoding                       | Live View / Playback - 1 Ch. 6MP / 4 Ch. 720P                                                            |
| Network Protocol               | DHCP, DNS, PPPoE                                                                                         |
| Network Bandwidth              | 40Mbps Incoming / 40Mbps Outgoing                                                                        |
| PoE Standard                   | IEEE802.3af                                                                                              |
| PoE Port                       | RJ45 100M × 8                                                                                            |
| Mobile Device                  | iOS, Android                                                                                             |
| SATA HDD Storage               | SATA2.0/3.0 × 1 (Max 10TB)                                                                               |
| Network Backup                 | YES                                                                                                      |
| Local Backup                   | U Disk, USB Mobile HDD                                                                                   |
| USB                            | USB 2.0 × 2 (Rear)                                                                                       |
| Remote Control                 | Optional                                                                                                 |
| Power Consumption / Supply     | < 6W (Without HDD) / DC 48V / 2.5A                                                                       |
| PoE Output Power               | ≤ 80W                                                                                                    |
| Working Environment            | 14°~122°F @ 10% ~ 90% RH                                                                                 |
| Dimensions (W × D × H)         | 10.04 × 8.74 × 1.66" / 255 × 222 × 42mm                                                                  |
| Weight without HDD Net / Gross | 1.79lbs / 3.65lbs (.81kg / 1.66kg)                                                                       |



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# VTC-TNB4FL-2

Transcendent 4 MegaPixel Indoor/Outdoor  
Fixed Lens WDR IP Bullet Camera [preliminary specs]



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## KEY FEATURES

- 1/2.7" 4.0 Megapixel CMOS Image Sensor
- Up to 30fps @ 4MP (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
- 2.8mm Fixed Iris Lens
- Supports Still Image Recording Function
- Matrix IR with up to 100' IR Range
- Digital Wide Dynamic Range (D-WDR)
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Region Intrusion Detection, Scene Change Detection, Line Crossing, Object Removal, Video Blur Detection
- H.265, H.264 Compression
- MicroSD Card Slot for Local Recording (Up to 128GB)
- Remote Viewing via CMS, Internet Explorer, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance
- Included Wall / Ceiling Mount, Optional Junction Box Mount (VT-TJB08) available. See other mounting options below.
- 12VDC & PoE (Power over Ethernet) Operation
- 2-Year Warranty

## MOUNTS



**VT-TJB08**  
Optional Junction Box



**VT-TPLMT**  
Universal Pole Mount - Ivory, reqs. VT-TJB08



**VT-TCNMT**  
Universal Corner Mount - Ivory, reqs. VT-TJB08

## RECORDERS



Pair with **VITEK Transcendent Series 6 and 8MP PoE NVRs** in 4, 8, and 16 Ch. Configurations:  
**VT-TNR414PL, VT-TNR818PL, VT-TNR1626PL**

## SPECIFICATIONS

|                               |                                                                                              |
|-------------------------------|----------------------------------------------------------------------------------------------|
| Image Sensor                  | 1/2.7" 4.0 Megapixel CMOS Image Sensor                                                       |
| Image Size                    | 4 MegaPixel (2560 × 1440)                                                                    |
| Resolution                    | 4MP(2560 × 1440), 3MP(2304 × 1296), 1080P(1920 × 1080), 720P(1280 × 720), D1, CIF, 480 × 240 |
| Min. Illumination             | 0.011 lux @F1.2, AGC ON; 0 lux with IR, 0.04 lux @ F2.2, AGC ON; 0 lux with IR               |
| Lens                          | 2.8mm Fixed Iris Lens                                                                        |
| Day / Night                   | True Day/Night by ICR                                                                        |
| IR LEDs / IR Distance         | 1 Matrix / 100'                                                                              |
| Video Compression             | H.265 / H.264                                                                                |
| Main-Stream                   | 60Hz: 4MP/3MP/1080P (1~30fps), 50Hz: 4MP/3MP/1080P (1~25fps)                                 |
| Sub-Stream                    | 60Hz: 720P(1~15fps)/D1 /CIF (1~30fps), 50Hz: 720P(1~12fps)/D1(1~25fps)/CIF (1~25fps)         |
| Third Stream                  | 60Hz: D1/CIF/480x240 (1~30fps), 50Hz: D1/CIF/480x240 (1~25fps)                               |
| Bit Rate                      | 64Kbps ~ 12Mbps                                                                              |
| Bit Rate Type                 | VBR / CBR                                                                                    |
| Other Camera Features         | BLC, HLC, Defog                                                                              |
| Wide Dynamic Range (WDR)      | D-WDR (Digital Wide Dynamic Range)                                                           |
| Digital Noise Reduction (DNR) | XD-DNR (2D-DNR & 3D-DNR)                                                                     |
| Image Setting                 | Saturation, Brightness, Chroma, Contrast, WDR, Noise reduction                               |
| Analytics                     | Object Removal, Scene Change, Video Blur Detection, Intrusion and Line Crossing              |
| Smart Alarm                   | Motion Alarm, SD Card Error, SD Card Full                                                    |
| Region of Interest (ROI)      | Each ROI to be Configured Separately                                                         |
| Network                       | RJ45                                                                                         |
| Storage                       | MicroSD Card Slot (Up to 128GB)                                                              |
| Remote Viewing                | CMS / Web Browser / Mobile (iOS/Android)                                                     |
| Supported Browsers            | Microsoft Internet Explorer                                                                  |
| Connection Protocol           | ONVIF                                                                                        |
| Resistance                    | IP67 Weather Rating                                                                          |
| Power Input                   | 12VDC / PoE                                                                                  |
| Power Consumpt. (12VDC)       | 150mA (LEDs Off) / 320mA (LEDs On)                                                           |
| Power Consumpt. (PoE)         | < 5W                                                                                         |
| Working Environment           | -22° ~140° / < 95% Humidity                                                                  |
| Weight                        | 13.4 oz. / .84 lbs. / 380g                                                                   |
| Dimensions: L × W × H         | 6.59" × 2.93" × 2.93" (167.5mm × 74.5mm × 74.5mm)                                            |



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