# VTC-TNB4LPRN-A

Transcendent Series 4 MegaPixel License Plate Recognition WDR IP Motorized Bullet Camera

## KEY FEATURES

- 1/1.8" 4 MegaPixel Progressive Scan CMOS Sensor
- Advanced Starlight Technology Offers Dramatically Higher Sensitivity to Light Producing Color Images in Very Dark & Night Scenes
- Up to 30fps live view @ 4 MegaPixel (2688× 1520)
- 8~32mm @F1.6 Motorized Varifocal Lens
- Matrix IR (up to 325' IR Range)
- True Wide Dynamic Range (120dB)
- True Mechanical Day / Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Intelligent Analytics: License Plate Recognition, Vehicle Type Detection, Video Exception Detection
- 10,000 Vehicle Plate Database
- 0-75m/h (120km/h) Capture Speed *(Dependant on Installation)*
- Overlay Options: Time, Location, License Plate Information
- Triple Streaming: H.265+ / H.265 / H.264+ / H.264 / MJPEG
- 1 Ch. Audio In + 1 Ch. Audio Out*
- 1 Ch. Alarm In + 1 Ch. Alarm Out, 1 Ch. CVBS
- Supports Wiegand Connection
- Remote Viewing via VMS, Web Browsers, and iOS & Android Apps
- MicroSD Card Slot for Local Recording (256GB)
- IP67 Weather Resistance
- Wall Mount Included, Optional Mounts: Junction Boxes VT-TJB01 and VT-TJB020 (Waterproof) *[See Additional Mounting Options Below]*
- 12VDC, 24VAC, or PoE (Power over Ethernet) Operation
- 3-Year Warranty

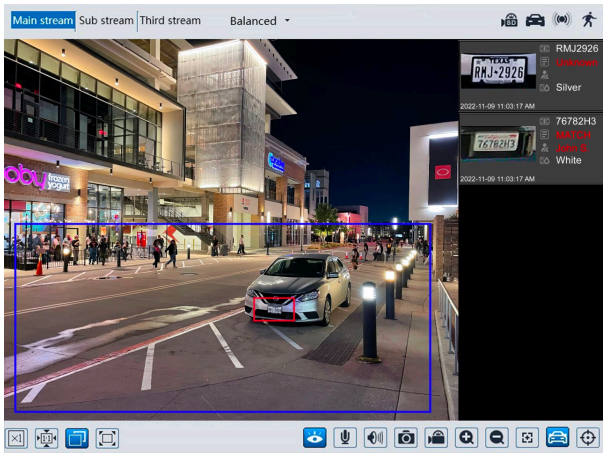
**Please research local, state and federal laws regarding the implementation of audio surveillance.*





*Detail of MicroSD Card Slot*

## VITEK LICENSE PLATE RECOGNITION




## DEDICATED LICENSE PLATE RECOGNITION CAMERA WITH 10K PLATE DATABASE

Transcendent Series 4 MegaPixel H.265+ WDR Bullet Camera specializing in **License Plate Recognition**. Featuring an 8~32mm Motorized Zoom Lens and Starlight Technology, these simple, easy to install, attractively styled, IP Network Cameras transmit over remote viewing via VMS, Web Browsers, and iOS & Android Apps

## RELATED PRODUCTS AND ACCESSORIES!



***VT-TJB01***
***Optional Junction box for Cable Management***



***VT-TPDMT-A2***
***Pedestal/Ceiling Mount (requires VT-TJB01 or VT-TJB020)***



***VT-TJB020***
***Optional Junction box for Cable Management - Waterproof***



***VT-TPLMT***
***Universal Pole Mount Adapter (requires VT-TJB01 or VT-TJB020)***

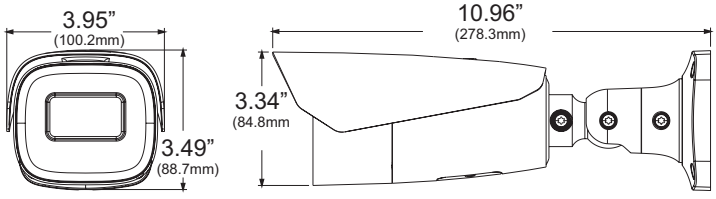


***VT-TCNMT***
***Universal Corner Mount Adapter (requires VT-TJB01 or VT-TJB020)***



***Pair with one of several VITEK Transcendent Series Network or Digital Recorders offering a Myriad of Advanced Analytic Functions and Applications. See www.vitekcctv.com for More!***
*Firmware and Features may be upgraded periodically – Please contact your VITEK Representative for complete information on updates and downloads.*

## DIMENSIONS




An Eye On Innovation

www.vitekcctv.com

# VTC-TNB4LPRN-A

## DETAILED SPECIFICATIONS

| | |
|---|---|
| **Image Sensor** | 1/1.8” 4.0 MegaPixel Progressive Scan CMOS |
| **Image Size** | 4 MegaPixel (2688 × 1520) |
| **Electronic Shutter** | Manual or Auto, Manual: 1 / 1 s ~ 1 / 100000s |
| **Resolution** | 4 MP (2688 × 1520) / 3 MP (2304 × 1296) / 1080P (1920 × 1080) / 720P (1280 × 720) / D1/CIF (480 × 240) |
| **Min. Illumination** | 0.001 lux@F1.6, AGC ON, 0 lux with IR |
| **Lens** | 8~32mm Mtrzd Varifocal @F1.6, motorized |
| **FOV** | Horizontal: 41°~15.5°, Vertical: 23°~15.5°, Diagonal: 46.5°~18° |
| **Lens Mount** | Integrated |
| **Recommended LPR Distance** | 53~158’ (16-48M) [Also known as ANPR - Automatic Number Plate Recognition] |
| **Other Features** | BLC, HLC, Defog |
| **WDR** | 120dB True WDR |
| **DNR** | XD DNR (3D-DNR / 2D-DNR) |
| **S/N Ratio** | >50Db |
| **Angle Adjustment** | Pan: 0°~360°, Tilt:0°~90°, Rotation: 0°~360° |
| **IR** | Matrix IR (2) |
| **IR Distance** | 325' |
| **Video Compression** | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| **Main Stream** | 4MP/2K/3MP/1080P (60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps)<br>HFR Mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps) |
| **Sub Stream** | 720P/D1/CIF ( 60Hz:1 ~ 30fps, 50Hz: 1 ~ 25fps ) |
| **Third Stream** | D1/CIF ( 60Hz:1 ~ 30fps, 50Hz: 1 ~ 25fps ) |
| **Bit Rate** | 64 Kbps ~ 8 Mbps |
| **Bit Rate Type** | VBR / CBR |
| **Audio Compression** | G.711A / G.711U |
| **Image Settings** | ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, Image Mirror, Image Flip,<br>Noise Reduction - Image Settings Adjustable through Client Software or Web Browser |
| **ROI** | Each ROI to be configured separately |
| **Network** | 100M RJ 45 |
| **Video Output** | CVBS Output (BNC × 1) |
| **Audio** | 1CH Audio Input, 1CH Audio Output* |

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## DETAILED SPECIFICATIONS

| | |
|---|---|
| **Storage** | Built-in MicroSD Card Slot - up to 256GB, Network Remote Storage |
| **Reset** | YES |
| **Alarm** | 1CH Alarm Input, 1CH Alarm Output |
| **RS485** | YES |
| **Wiegand** | YES |
| **Remote Viewing** | VMS / Web Browser / Mobile (iOS/Android) |
| **Supported Browsers** | Internet Explorer, Chrome and Firefox with IE Tab, Edge in IE Mode |
| **Online Connection** | Support Simultaneous Monitoring for up to 10 Users, Support Multi-stream Real Time Transmission |
| **Interface Protocol** | ONVIF |
| **Network Protocol** | DP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP,HTTP, HTTP POST,802.1x, UPnP, HTTPs, QoS |
| **Smart Alarm** | Motion Detection, Sensor Alarm, SD Card Error, SD Card Full, IP Address Conflict, Cable Disconnection |
| **Intelligent Analytics** | License Plate Recognition, Vehicle Type Detection, Video Exception Detection |
| **General Functions** | Watermark, Video Mask, Operational Diagnostic [Heartbeat], Corridor Mode |
| **Security** | Video Encryption, Firmware Encryption, HTTPs Encryption, Configuration Encryption, Illegal Login Lock, IP Address Filtering, 802.1x Authentication, Basic and Digest Authentication for HTTP/HTTPs |
| **POE (Standard)** | YES (IEEE802.3af) |
| **Ingress Protection** | IP67 |
| **LPR Snapshot** | Overview and Cutout of Plate for Picture |
| **OSD Features** | Snapshot Time, Location, License Plate Information |
| **Capture Speed Range** | 0-70m/h (0-120km/h) **Dependant on Installation* |
| **Power Supply** | DC12V / AC24V / PoE |
| **Power Consumption** | <12W |
| **Operating Environment** | -22°F~140°F (-30°C ~ 60°C) Humidity: less than 95 % (non-condensing) |
| **Storage Environment** | -22°F~149°F (-30°C ~ 65°C) Humidity: less than 95 % (non-condensing) |
| **Installation Options** | Ceiling Mounting, Wall Mounting |
| **Certificates** | CE, FCC |
| **Weight Net (Shipping)** | 2.59lbs / 1176g (3.03lbs / 1376g) |
| **Dimensions** | 10.96" × 3.95" × 3.49" (278.3mm × 100.2mm × 88.7mm) |

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