

# VTC-TNB4RFA4

Transcendent Gen. IV 4 MegaPixel Advanced A.I. Fixed Lens Bullet Camera



## KEY FEATURES

- 1/3.0" 4 MegaPixel Progressive Scan CMOS Sensor
- NDAA Compliant
- Up to 30fps live view @ 4 MegaPixel (2592x1520)
- Available in 3.6 or 2.8mm Fixed Lens Configurations: VTC-TNB4RFA4 (Ivory w/ 3.6mm), VTC-TNB4RFA4-2 (Ivory w/ 2.8mm), VTC-TNB4RFA4B (Charcoal w/ 3.6mm), VTC-TNB4RFA4B-2 (Charcoal w/ 2.8mm)
- Matrix IR (up to 165' IR Range)
- True Wide Dynamic Range (120dB)
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Gen. IV Advanced Analytics: Regional Entrance / Exit Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification] Face Detection, Object Abandoned / Missing, Heat Map, Video Blur, Video Color Cast Detection, Abnormal Video
- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- 1 Ch. Audio In\*
- Remote Viewing via CMS, Web Browser, iOS & Android Apps
- ONVIF Compliant
- MicroSD Card Slot for Local Recording (256GB)
- IP67 Weather Resistance
- Wall Mount Included, Optional Mounts: Junction Box VT-TJB08 [See Additional Mounting Options Below]
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

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

## GEN. IV ADVANCED ANALYTICS



### FACIAL DETECTION

Security personnel can find out who entered / left the restricted area and at what time

### TARGET COUNTING

Keep count of vehicles, motorbikes, bicycles and people in a given area

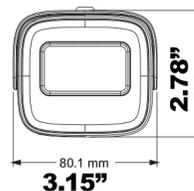
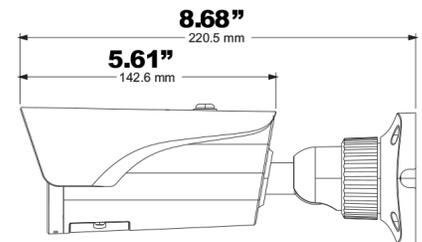
### REGIONAL ENTRANCE/EXIT

Begin NVR recording and receive an alert upon subjects entering / exiting; ideal for property monitoring



## TRANSCENDENT "GEN IV" SERIES NDAA COMPLIANT IP CAMERAS WITH AI POWERED FACIAL DETECTION AND MORE!

Transcendent Series NDAA Compliant High Definition 4 Megapixel IP Network Cameras with Gen. IV Advanced Analytics including Face Detection and Target Counting offer unprecedented performance and value. These simple, easy to install, attractively styled, IP Network Cameras transmit over remote viewing via CMS, Web Browser, and iOS & Android Apps.



Pair with VITEK Transcendent Series Network Recorders VT-TNR818PF, VT-TNR1646PF, and VT-TNR3216PF with Built-in PoE and Fully Programmable Intelligent Analytics including Facial Detection.

An Eye On Innovation

**VT-TJB08**  
Optional Junction Box for Cable Management



**VT-TPLMT**  
Universal Pole Mount Adapter - reqs. VT-TJB08



**VT-TCNMT**  
Universal Corner Mount Adapter - reqs. VT-TJB08



## DETAILED SPECIFICATIONS

<b>Image Sensor</b>	1/3.0" 4.0 Megapixel Progressive Scan CMOS
<b>NDAA Compliant</b>	Yes
<b>Image Size</b>	4 MegaPixel (2592 × 1520)
<b>Resolution</b>	4MP(2592×1520) / 3MP(2304×1296) / 1080P(1920×1080) / 720P(1280×720) / D1 / CIF(480×240)
<b>Min. Illumination</b>	0.005 lux@F1.6, AGC ON;0 lux with IR
<b>Lens</b>	Available with 2.8mm or 3.6mm Fixed Iris Lens
<b>Day / Night</b>	True Day / Night by ICR
<b>IR LEDs / IR Distance</b>	2 Matrix Style IRs / Up to 165'
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264 / MJPEG
<b>Audio Compression</b>	G.711A / G.711U
<b>Main-Stream</b>	4MP/2K/3MP/1080P / 720P (60Hz: 1 ~ 30fps, 50Hz: 1~25fps)
<b>Sub / Third Stream</b>	HFR mode: 1080P / 720P (60Hz: 1 ~ 60fps, 50Hz: 1~50fps), 720P/D1/CIF (60Hz: 1 ~ 30fps, 50Hz: 1~25fps) / D1/CIF/480×240 (60Hz: 1 ~ 30fps, 50Hz: 1~25fps)
<b>Bit Rate / Type</b>	64 Kbps ~ 8 Mbps / VBR, CBR
<b>Wide Dynamic Range</b>	120dB Super WDR
<b>Other Features</b>	Highlight Compensation, Backlight Compensation, DeFog, Hardware Reset
<b>Digital Noise Reduction</b>	XD-DNR (3D-DNR & 2D-DNR)
<b>Image Setting</b>	ROI, Saturation, Brightness, Chroma, Contrast, Sharpen, NR; adjustable through client software / web browser
<b>Gen. IV Advanced Analytics</b>	Regional Entrance / Exit Detection, Line Crossing, Target Counting <i>[All by Human / Motor Vehicle Classification]</i> Face Detection, Object Abandoned / Missing, Heat Map, Video Blur, Video Color Cast Detection, Abnormal Video
<b>Smart Alarm</b>	Motion Detection, SD Card Error, SD Card Full
<b>Region of Interest (ROI)</b>	Each ROI to be Configured Separately
<b>Audio</b>	1 Ch. Audio In*
<b>Alarm</b>	N/A
<b>Local Storage</b>	Built-in MicroSD Card Slot (up to 256GB)
<b>Remote Viewing</b>	CMS / Web Browser / Mobile (iOS/Android)
<b>Supported Browsers</b>	IE, Chrome, Firefox, Safari and Edge
<b>Connection Protocol</b>	ONVIF
<b>Ingress Protection</b>	IP67
<b>Power Input</b>	12VDC / PoE
<b>Pwr Consumption (12VDC)</b>	350mA (LEDs Off) / 800mA (LEDs On)
<b>Power Consumption (PoE)</b>	8.5W
<b>Working Environment</b>	-22° ~140°F (-30°~60°C) / < 95% Humidity
<b>Weight</b>	25.75oz / 1.61lbs / .73kg (NET) 31.75oz / 1.98lbs / .90kg (SHIPPING)
<b>Dimensions (L × W × H)</b>	8.68 × 3.15 × 2.78" (220.5 × 80.1 × 70.5mm)

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