VTC-TNB8RFA4-2

Transcendent Gen. IV 8 MegaPixel [4K] Advanced A.I.
Fixed Lens Bullet Camera [PRELIMINARY SPECS]

VITEK®
INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 1/2.8" 8 MegaPixel [4K] Progressive Scan CMOS Sensor

- NDAA Compliant

- Up to 30fps live view @ 8 MegaPixel (3840×2160)

- 2.8mm Fixed Iris Lens

- 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, 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, Internet Explorer, 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

NDAA COMPLIANT

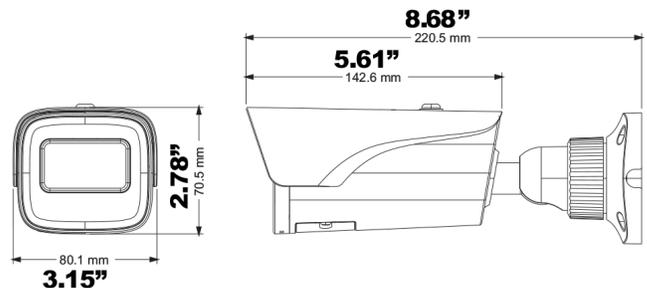**4K 8MP** **FACE DETECTION** **INTELLIGENT ANALYTICS**

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

Transcendent Series NDAA Compliant High Definition 8 Megapixel [4K] 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, Internet Explorer, and iOS & Android Apps.

TRANSCENDENT VITEK

ONVIF

Available on the **App Store**

ANDROID APP ON **Google play**

8.68" 220.5 mm
5.61" 142.6 mm
2.78" 70.5 mm
3.15" 80.1 mm

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.

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

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DETAILED SPECIFICATIONS

Image Sensor	1/2.8" 8.0 Megapixel [4K] Progressive Scan CMOS
NDAA Compliant	Yes
Image Size	8 MegaPixel (3840 × 2160)
Resolution	8MP (3840×2160), 6MP(3072×2048), 5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, CIF, 480×240
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR, 0.02 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm Fixed Iris Lens
Day / Night	True Day / Night by ICR
IR LEDs / IR Distance	2 Matrix Style IRs / Up to 165'
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG
Audio Compression	G.711A / G.711U
Main-Stream Sub / Third Stream	60Hz: 8/6/5/4MP/2K/3MP/1080P/720P(1~30fps), 50Hz: (1~25fps) HFR:1080P 720P(60Hz: 1 60fps; 50Hz: 1~50fps) 1080P/720P/D1/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps), 720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate / Type	64 Kbps ~ 12 Mbps / VBR, CBR
Wide Dynamic Range	120dB Super WDR
Other Features	Highlight Compensation, Backlight Compensation, DeFog, Hardware Reset
Digital Noise Reduction	XD-DNR (3D-DNR & 2D-DNR)
Image Setting	ROI, Saturation, Brightness, Chroma, Contrast, Sharpen, NR; adjustable through client software / web browser
Gen. IV Advanced Analytics	Regional Entrance / Exit Detection, Line Crossing, Target Counting [all by Human / Motor Vehicle Classification] Face Detection, Video Blur, Video Color Cast Detection, Abnormal Video
Smart Alarm	Motion Detection, SD Card Error, SD Card Full
Region of Interest (ROI)	Each ROI to be Configured Separately
Audio	1 Ch. Audio In*
Alarm	N/A
Local Storage	Built-in MicroSD Card Slot (up to 256GB)
Remote Viewing	CMS / Web Browser / Mobile (iOS/Android)
Supported Browsers	Internet Explorer, Chrome and Firefox with IE Tab
Connection Protocol	ONVIF
Ingress Protection	IP67
Power Input	12VDC / PoE
Pwr Consumption (12VDC)	350mA (LEDs Off) / 800mA (LEDs On)
Power Consumption (PoE)	9.5W
Working Environment	-22° ~140° / < 95% Humidity
Weight	25.75oz / 1.61lbs / .73kg (NET) 31.75oz / 1.98lbs / .90kg (SHIPPING)
Dimensions (L × W × H)	8.68 × 3.15 × 2.78" (220.5 × 80.1 × 70.5mm)

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