VTC-TNB4WCL-2

VITEK 4MP Opti-Color Full-Color Bullet Network Camera with Programmable PLUS Analytics and Knight Guard

KEY FEATURES

- 1/1.79" 4 MegaPixel CMOS Progressive Scan Sensor
- Up to 30fps live view @ 4MP (2688 × 1520)
- 2.8mm Fixed Lens with F1.0 Aperture for ultra-low light sensitivity and 0.0001 lux
- OPTI-COLOR offers unparalleled full-color night vision capabilities, capturing vivid, high-quality images in ultra-low light conditions, transforming nighttime security with clarity never before achieved in surveillance cameras!
- Knight Guard White Light Illumination up to 100' for deterrence and full-color night vision
- True WDR (120dB, next version), 3D-DNR, BLC, and HLC for challenging lighting environments
- Programmable PLUS Analytics: Line Crossing, Region Intrusion/ Entrance/Exit (Human/Vehicle Classification), Abandoned/ Missing Object, Scene Change, Video Blur, Abnormal Color, Audio Exception, Face Detection and Capture
- Built-in Microphone with Audio Input for surveillance audio capture
- microSD Card Slot for Local Recording (supports up to 512GB)
- IP67 Weather-Resistant Housing for indoor or outdoor installations
- Power Options: 12VDC or PoE (IEEE 802.3af)
- NDAA Compliant

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



NDAA COMPLIANT

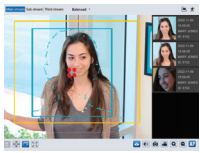
TRANSCENDENT SERIES | FULL COLOR AT NIGHT | BUILT-IN MICROPHONE | 4MP 4 MEGAPIXEL | FACIAL DETECTION | FIXED LENS | PROGRAMMABLE PLUS ANALYTICS

OPTI-COLOR | PROGRAMMABLE+ ANALYTICS PLUS | KNIGHT GUARD

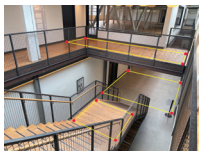
OPTI-COLOR BULLET WITH KNIGHT GUARD FULL-COLOR NIGHT VISION

The VITEK Transcendent VTC-TNB4WCL-2 Opti-Color Bullet Camera sets a new standard for low-light surveillance, delivering vivid, true-to-life images in environments where traditional cameras fail. With Opti-Color's unparalleled full-color night vision capabilities and Knight Guard White Light deterrence, security professionals gain unmatched visibility and control, even in near-total darkness. This camera transforms raw video into actionable intelligence, helping reduce false alarms, improve accuracy, and enhance system performance. Rugged IP67 housing, PoE flexibility, and onboard edge storage make this 4MP bullet camera an ideal solution for demanding commercial, institutional, and residential security applications.

TRANSCENDENT PROGRAMMABLE PLUS ANALYTICS!



FACIAL DETECTION
Face Detection with Face Capture



AREA TRACKING
Fully Programmable Regional Intrusion Detection



TARGET COUNTING
People, Vehicles, and Motor/Bicycles by Line

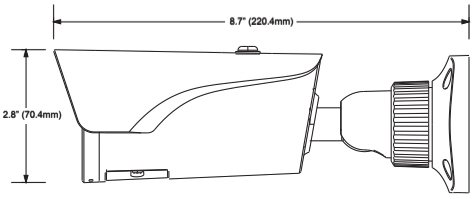


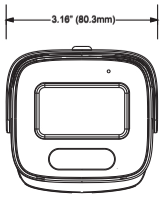
OBJECT TRACKING
Track Objects Removed or Abandoned in Secure Areas



LINE CROSSING
Track People or Vehicles as Entering or Exiting Designated Areas

DIMENSIONS





RELATED PRODUCTS AND ACCESSORIES!

VT-TJB08
Optional Junction box for Cable Management



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



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





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.

An Eye On Innovation

Google play | Available on the App Store | ONVIF

SINCE 1997

www.vitekcctv.com

VTC-TNB4WCL-2

SPECIFICATIONS

Image Sensor	1/1.79" CMOS
Max. Resolution	2688 × 1520 (4MP)
Electronic Shutter	Auto/Manual, 1/3s ~ 1/100,000s
Iris Type	Fixed
Min. Illumination	0.0001 lux @F1.0 (AGC ON); 0 lux with white light
S/N Ratio	≥50dB
Lens	2.8mm F1.0 (H:112°/V:61°/D:132°)
DORI (2.8mm)	Detect 170ft / Observe 68ft / Recognize 33ft / Identify 17ft
Angle Adjustment	Pan: 0–360°, Tilt: 0–90°, Rotation: 0–360°
WDR	120dB
BLC / HLC / Defog	Yes
DNR	3D DNR
Electronic Image Stabilization	Yes
Region Of Interest	Configurable per region
Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Flip, Mirror, NR
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
H.264 Profiles	Baseline / Main / High
Resolutions	4MP, 2K, 1080P, 720P, D1, VGA, 640×360, CIF, 480×240
Frame Rate	Main: 1–30fps @60Hz, 1–25fps @50Hz Sub/Third: up to 720P, D1, CIF
Bitrate	32 Kbps ~ 8 Mbps; VBR / CBR
Protocols	ONVIF, UDP, IPv4/IPv6, DHCP, NTP, RTSP, RTP, RTMP, FTP, DDNS, SMTP, SNMP, HTTP/HTTPS, UPnP, P2P, QoS, 802.1x
Connections	Up to 10 users simultaneous monitoring
Storage	microSD up to 512GB; Network remote storage
Interfaces	RJ-45 (10/100 Base-T), 1ch Audio In, Built-in Mic
Events	Programmable PLUS Analytics: Line Crossing, Region Intrusion/Entrance/Exit (Human/Vehicle Classification), Abandoned/ Missing Object, Scene Change, Video Blur, Abnormal Color, Audio Exception, Face Detection and Capture
Face Detection	Face AI – Face Detection & Capture
Statistics	People, Vehicle Counting, & Target Counting
White Light Range	Up to 100' Knight Guard White Light
Ingress Protection	IP67
Power Supply	DC12V / PoE (IEEE802.3af), <6.5W
Certifications	CE, FCC, RoHS, WEEE, REACH
Operating Conditions	-22°F~140°F (-30°C~60°C), RH <95%
Weight	1.41 lb (0.64kg)
Dimensions	8.70" x 2.80" x 3.16" (220.4 x 70.4 x 80.3mm)

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