VTC-TNB8WCL-2

VITEK 8MP (4k) Opti-Color Full-Color Bullet Network Camera with Programmable PLUS Analytics and Knight Guard

KEY FEATURES

- 1/1.8" 8 MegaPixel CMOS Progressive Scan Sensor
- Up to 20fps live view @ 8MP (3840 × 2160) / 30fps @ 4MP and below
- 2.8mm Fixed Lens with F1.0 Aperture for ultra-low light sensitivity and 0.0005 lux
- Opti-Color Technology 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), 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 1TB)
- 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

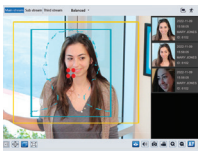
TRANSCENDENT SERIES | FULL COLOR AT NIGHT | BUILT-IN MICROPHONE | 8 MEGAPIXEL | FACIAL DETECTION | FIXED LENS | PROGRAMMABLE PLUS ANALYTICS

OPTI-COLOR | PROGRAMMABLE+ ANALYTICS PLUS | KNIGHT GUARD

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

The VITEK Transcendent VTC-TNB8WCL-2 Opti-Color Bullet Camera delivers Ultra HD 8MP resolution with vivid full-color imaging in virtually any lighting condition. With Opti-Color's unmatched night vision performance and Knight Guard White Light deterrence, security professionals gain superior visibility and confidence, even in near-total darkness. Enhanced with Programmable PLUS Analytics, this camera provides intelligent detection, human/vehicle classification, and forensic search tools to improve accuracy and efficiency. Its rugged IP67 housing, flexible PoE installation, and onboard edge storage make it a versatile and powerful solution for demanding security applications.

TRANSCENDENT PROGRAMMABLE PLUS ANALYTICS!



FACIAL DETECTION
Face Detection with Face Capture



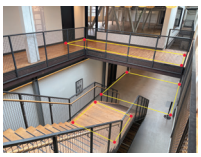
TARGET COUNTING
People, Vehicles, and Motor/Bicycles by Line



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

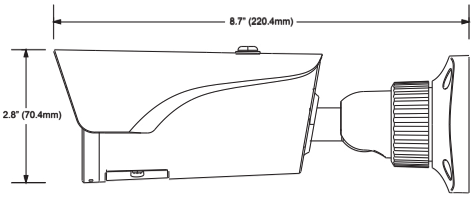


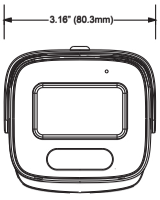
OBJECT TRACKING
Track Objects Removed or Abandoned in Secure Areas



AREA TRACKING
Fully Programmable Regional Intrusion Detection

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-TNB8WCL-2

SPECIFICATIONS

Image Sensor	1/1.8" CMOS Progressive Scan
Max. Resolution	3840 × 2160 (8MP/4K)
Electronic Shutter	Auto/Manual, 1/3s ~ 1/100,000s
Iris Type	Fixed
Min. Illumination	0.0005 lux @F1.0 (AGC ON); 0 lux with Knight Guard White Light
S/N Ratio	≥50dB
Lens	2.8mm Fixed Lens, 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 Intrest	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	8MP, 4MP, 2K, 1080P, 720P, D1, VGA, 640×360, CIF, 480×240
Frame Rate	Up to 20fps @ 8MP; 30fps at lower resolutions
Bitrate	32 Kbps ~ 12 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 1TB; 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
White Light Range	Up to 100' Knight Guard White Light
Ingress Protection	IP67
Power Supply	DC12V / PoE (IEEE802.3af), <6.5W
Operating Conditions	-22°F ~ 140°F, RH <95%
Mounting	Ceiling / Wall
Certifications	CE, FCC, RoHS, WEEE, REACH
Weight	1.41 lb
Dimensions	8.7" x 2.8" x 3.16" (220.4 x 70.4 x 80.3mm)

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