

VTC-TNB8MEA

Transcendent Series 8 MegaPixel (4K) Motorized AF IP WDR
Bullet Camera with Programmable Analytics



KEY FEATURES

- 1/2.8" 8.0 MegaPixel (4K) CMOS Image Sensor
- Up to 20fps@8MP (3840 × 2160), Up to 30fps@6MP and below
- 2.8~12mm Motorized Varifocal Lens
- Matrix IR (up to 165' IR Range), White Light (up to 130')
- True Wide Dynamic Range (120dB)
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Programmable Analytics: Line crossing / Region Intrusion Detection (by human / vehicle classification), Object Abandoned / Missing, Scene Change Detection, Video Blur, Video Color Cast Detection
- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- MicroSD Card Slot for Local Recording (Up to 256GB)
- 1 Ch. Audio In + Built-in Mic*
- Remote Viewing via VMS, Web Browser, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance
- Wall Mount Included. Optional J-Box and Mounting Options Available - see below
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



*Also available in Charcoal,
VTC-TNB8MEAB



CABLE CONNECTIONS
Ethernet (PoE), 12VDC
Input, Audio In*



MICRO SD CARD SLOT
Supporting up to
256GB MicroSD Cards



TRANSCENDENT



NETWORK



INTEGRATED
AUDIO



8 MP
MEGAPIXEL



DUAL
ILLUMINATION



MOTORIZED
VARIFOCAL LENS



PROGRAMMABLE
ANALYTICS



TRANSCENDENT KNIGHT GUARD IP CAMERA WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDA Compliant High Definition 8 Megapixel IP Network Cameras offer unprecedented performance and value. These simple, easy to install, attractively styled, IP Network Cameras transmit over remote viewing via VMS, Web Browser, and iOS & Android Apps. These models also feature Knight Guard with enhanced night vision using White Light emitters.

TRANSCENDENT ANALYTICS!



OBJECT TRACKING
Track Objects Removed
from or Abandoned in
Secure Areas



AREA
Fully Programmable
Regional Intrusion
Detection



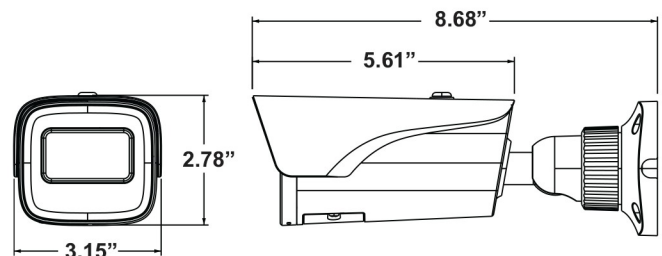
LINE CROSSING
Track People or
Vehicles Entering /
Exiting Designated
Areas

RELATED PRODUCTS & ACCESSORIES



Pair with one of several VITEK Transcendent Series Network or Digital Recorders offering a Myriad of Advanced Analytic Functions and Applications. See www.vitekccctv.com for More!

Firmware and Features may be upgraded periodically – Please contact your VITEK Representative for complete information on updates and downloads.



VT-TJB08
Optional Junction Box for
Cable Management



VT-TPLMT
Universal Pole Mount
Adapter (VT-TJB08 Req)



VT-TCNMT
Universal Corner Mount
Adapter (VT-TJB08 Req)



An Eye On
Innovation

ONVIF

Available on the
Google play

Available on the
App Store

www.vitekccctv.com

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



DETAILED SPECIFICATIONS

Image Sensor	1/2.8" 8MP (4K) Progressive Scan CMOS
Image Size	3840×2160
Electronic Shutter	1/3s ~ 1/100000s
Iris Type	Motorized
Min. Illumination	0.02 lux @F1.6, AGC ON, 0 lux with illumination On
Lens	2.8~12mm Motorized Varifocal
FoV	Horizontal: 97.3°~34°, Vertical: 52.3°~17.7°, Diagonal: 116°~37°
Focus	Motorized AutoFocus
Supplement Light Range	IR range: up to 165', White light range: up to 130'
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes - Backlight Control
HLC	Yes - Highlight Control
Digital Noise Reduction	Yes
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~180°, Tilt:0°~90°, Rotation: 0°~360°
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264, Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Standard	Main Profile@Leve4.1 High Tier
Resolution	8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
Main Stream	60Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~30fps) 50Hz: 8MP(1~20fps) /6MP/4MP/2K/1080P (1~25fps)
Sub Stream	720P/D1/VGA/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~12Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	Each ROI to be configured separately
Network	RJ45

DETAILED SPECIFICATIONS CONT'D

CVBS Video Out	No
Audio	1CH audio input, 1CH built-in MIC*
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
Remote Monitoring	Web browser / Transcendent NVR / VMS / Mobile App
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 6 users, Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS
Interface Protocol	ONVIF
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, video exception
Programmable Analytics	Line crossing / Region Intrusion Detection (by human / vehicle classification), Object Abandoned / Missing, Scene Change Detection, Video Blur, Video Color Cast Detection
More Features	Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern
PoE	Yes (IEEE802.3af)
Ingress Protection	IP67
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
D.O.R.I.	2.8~12mm(W): Detect: 288ft (88m), Observe: 114ft(35m), Recognize: 56ft(17m), Identify: 27ft (8m) 2.8~12mm(T): Detect: 908ft(277m), Observe: 364ft(111m), Recognize: 180ft(55m), Identify: 91ft(28m)
Power Supply	DC12V/PoE
Power Consumption	<12W
Operating Conditions	-22°F~140°F (-30°C~60°C), Humidity: less than 95 % (non-condensing)
Dimensions (L x W x H)	8.68 x 3.15 x 2.78" (220.5 x 80.1 x 70.5mm)
Weight	1.5lbs / 23.99oz / 0.68kg
Installation	Ceiling mounting, wall mounting - see additional optional mounting options on page 1
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

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

BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNB8MEA							
[VTC]	[T]	[N]	[B]	[8]	[M]	[E]	[A]
VITEK	TRANSCENDENT	Network	Bullet	8MP	Motorized	Entry	Second
Camera						Level	Iteration

