

VTC-TNT8MEA

Transcendent 8 MegaPixel (4K) Motorized AF IP Turret Camera with Knight Guard and Programmable Analytics



KEY FEATURES

- 1/2.8" 8.0 MegaPixel CMOS Image Sensor
- Up to 20fps@8MP (3840 × 2160), Up to 30fps @ 6MP and Lower
- 2.8~12mm Motorized Varifocal Lens
- Dual illumination with Matrix IR (up to 165' Range) and Knight Guard white light (up to 130' Range)
- Full-color night vision powered by Knight Guard's White Light LEDs
- 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
- Optional J-Boxes and Mounting Options Available - see below
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



*Also available in Charcoal, VTC-TNT8MEAB

MICRO SD CARD SLOT
Supporting up to 256GB
MicroSD Cards



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



TRANSCENDENT



NETWORK



INTEGRATED
AUDIO



8MP



DUAL
ILLUMINATION



MOTORIZED
VARIFOCAL LENS

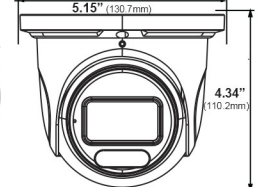
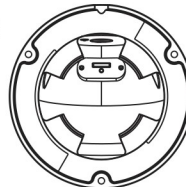
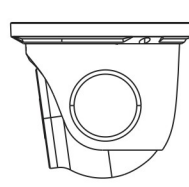


PROGRAMMABLE
ANALYTICS



TRANSCENDENT KNIGHT GUARD IP CAMERA WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDA Compliant High Definition 8 Megapixel (4K) 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 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

OPTIONAL J-BOXES AND MOUNTING OPTIONS:

VT-TJB01
Optional Junction box
for Cable Management



VT-TJB021
Optional Junction box
for Cable Management



VT-TWMT-4
Optional Wall Mount



VT-TWM03X
Optional Universal Wall
Mount with Changeable
Plate - Also works with
VT-TPLMT & VT-TCNMT



VT-TWM01
Optional Wall Mount
(VT-TJB021 Req)



VT-TPDM-2
Optional Pendant
Mount (VT-TJB01 Req)



VT-TPDM-3
Optional Pendant
Mount (VT-TJB021 Req)



VT-TPLMT
Universal Pole Adapter
Mounts directly with
J-Box VT-TJB021 or
VT-TJB01 / Wall option
(VT-TM01) reqs VT-
TJB021



VT-TCNMT
Universal Corner
Adapter Mounts
directly with J-Box
VT-TJB021 or VT-TJB01 /
Wall option (VT-TM01)
reqs VT-TJB021



An Eye On
Innovation

ONVIF

Available on the
Google play

Available on the
App Store

www.vitekccv.com

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



DETAILED SPECIFICATIONS

Image Sensor	1 / 2.8" CMOS
Image Size	3840×2160
Electronic Shutter	1 / 3s ~ 1 / 100000s
Lens	2.8~12mm Motorized Varifocal
Min. Illumination	0.02 lux @F1.6, AGC On, 0 lux with illumination on
Field of View	Horizontal 97.3°~34°, Vertical: 52.3°~17.7°, Diagonal: 116°~37°
Focus	Motorized Auto Focus
Supplemental 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 - DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°, Tilt:0°~80°, 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), 480×240, CIF
Main Stream	60Hz: 8MP(1~20fps) 6MP/4MP/1080P (1~30fps) 50Hz: 8MP(1~20fps) 6MP/4MP/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
CVBS Video Out	No
Audio	1CH audio input, 1CH built-in MIC*

DETAILED SPECIFICATIONS

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 10 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 Weather Resistance
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	5.15" × 4.34" (130.7mm × 110.2mm)
Weight	1.46lbs / 23.28oz / 0.66kg (NET)
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.



RELATED PRODUCTS:



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.

BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNT8MEA
[VTC] **[T]** **[N]** **[T]** **[8]** **[M]** **[E]** **[A]**
VITEK TRANSCENDENT Network Turret 8MP Motorized Entry Second
Camera Level Iteration