

VTC-TNT8FEA-2

Transcendent 8 MegaPixel (4K) Fixed Lens IP Turret Camera with Knight Guard and 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 Lower
- 2.8mm Fixed Iris Lens
- Dual illumination with Matrix IR and Knight Guard white light (up to 100' 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
- Digital Noise Reduction
- Region Intrusion Detection, Object Abandoned / Missing, Scene Change Detection, Line Crossing, Video Blur, Video Color Cast Detection
- Widescreen 16:9 aspect ratio
- 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, Internet Explorer (Plug-in Req'd), Edge in IE Mode, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance
- Optional Wall Mount (VT-TWMT-3), Junction Boxes (VT-TJB01, VT-TJB08), and Pendant Mount VT-TPDM-2 (reqs. VT-TJB01) Available
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



*Also available in Charcoal, VTC-TNT8FEAB-2



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



MICRO SD CARD SLOT
Supporting up to 256GB MicroSD Cards



TRANSCENDENT KNIGHT GUARD IP CAMERA WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDAA 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

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.vitekccvt.com for More!

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

VT-TWM04X
Wall Mount Bracket for Transcendent Fixed Turret Cameras



VT-TJB08
Optional Junction box for Cable Management



VT-TJB01
Optional Junction box for Cable Management



VT-TPDM2
Pendant Mount - reqs. VT-TJB01



VT-TWMT3
Optional Wall Mount



VT-TPLMT
Universal Pole Mount Adapter - reqs. VT-TJB08 / VT-TJB01



VT-TCNMT
Universal Corner Mount Adapter - reqs. VT-TJB08 / VT-TJB01



BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNT8FEA-2

[VTC]	[T]	[N]	[T]	[8]	[F]	[E]	[A]	[2]
VITEK	TRANSCENDENT	Network	Turret	8MP	Fixed	Entry Level	Second Iteration	2.8mm
Camera								

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

An Eye On Innovation



www.vitekccvt.com



DETAILED SPECIFICATIONS

Image Sensor	1/2.8" CMOS
Image Size	3840×2160
Electronic Shutter	1/3s ~ 1/100000s
Iris Type	Fixed Iris
Min. Illumination	0.02 lux @F1.6, AGC ON, 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 106°, Vertical FoV:57°, Diagonal FoV:124°
Focus	Fixed
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°~360°, 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), CIF (480×240)
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*
Storage	Built-in micro SD card slot (up to 256GB) + Network Remote Storage
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)
Supplement Light Range	IR range: up to 100', White light range: up to 100'
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.	Detect: 203ft (62m) Observe: 81ft (25m) Recognize: 40ft (12m) Identify: 20ft (6m)
Power Supply	DC12V/PoE
Power Consumption	<6.5W
Operating Conditions	-22°F~140°F (-30°C ~ 60°C), Humidity: less than 95 % (non-condensing)
Dimensions Dia × H	3.77 × 4.25" (95.7 × 108mm)
Weight	16.93oz / 1.01lb / 480g
Installation	Ceiling mounting, Wall mounting
Certificates	CE, FCC

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