VTD-TNMD8RFA4-2

Transcendent Gen. IV 8 MegaPixel (4K) Advanced A.I.
Fixed Lens Mini Saucer Vandal Dome Camera [PRELIMINARY SPECS]

VITEK® INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 1/2.8" 8 MegaPixel (4K) Progressive Scan Starlight CMOS Sensor
- Up to 30fps @ 8 MegaPixel (3840×2160)
- 2.8mm Fixed Iris Lens
- Matrix IR (up to 100' IR Range)
- True Wide Dynamic Range (120dB)
- XD-DNR (3D & 2D-DNR) Noise Reduction
- GEN IV Advanced Analytics: Regional Entrance / Exit Detection, Line Crossing, Target Counting (All by Human / Motor Vehicle Classification), Face A.I. (Detection / Recognition / Comparison), Heat Map, Video Blur, Color Detection, Abnormal Video, and more!
- Video Meta Data simultaneously captures the human body, motor vehicles, and non-motor vehicles, extracting 13 features from humans, 5 features from motor vehicles, and 1 feature from non-motor vehicles.
- Triple Streaming: H.265+ / H.265 / H.264+ / H.264 / MJPEG
- 1 Ch. Audio In + 1 Ch. Out + 2 Ch. Built-in Mics*
- Alarm In + Out
- Remote Viewing via CMS, Web Browser, iOS & Android Apps
- ONVIF Compliant
- MicroSD Card Slot for Local Recording (up to 256GB)
- IP67 Weather Resistance
- Optional Wall Mounts (VT-TWMT3, VT-TWMT###) Available, plus Pole and Corner Mount Adapters (see below).
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

TRANSCENDENT VITEK

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



NDAA COMPLIANT

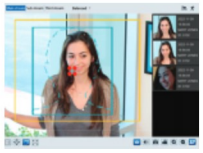
TRANSCENDENT | NETWORK | INTERGRATED AUDIO | 8MP 8 MEGAPIXEL | MATRIX IR LED ILLUMINATION | FIXED LENS | INTELLIGENT ANALYTICS

ONVIF | Google play | App Store | FACE A.I. DETECT, RECOGNIZE, COMPARE | INTELLIGENT ANALYTICS GEN IV

TRANSCENDENT "GEN IV" SERIES NDAA COMPLIANT IP CAMERAS WITH GEN IV ADVANCED ANALYTICS AND MORE!

Transcendent Series NDAA Compliant High Definition 8 Megapixel IP Network Cameras with Gen. IV Advanced Analytics including Face Detection and Target Counting offer unprecedented performance and value. These simple, easy to install, attractively styled, IP Network Cameras transmit over remote viewing via CMS, Web Browser, and iOS & Android Apps.

TRANSCENDENT GEN. IV ADVANCED ANALYTICS!



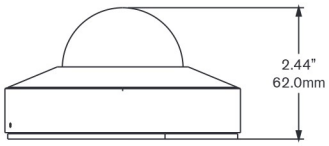
AI FACIAL RECOGNITION
Face Detection with Face Database

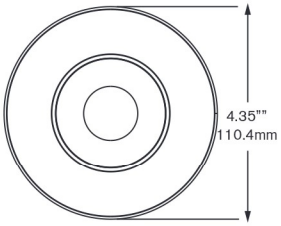


TARGET COUNTING
People, Vehicles, and Motor/Bicycles



AREA
Regional Entrance/ Exit, Line Crossing, and more!







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.

OPTIONAL MOUNTING OPTIONS

VT-TWMT-3
Optional Wall Mount

VT-TWMT###
Optional Wall Mount

VT-TPLMT
Pole Mount Adapter - VT-TWMT### Req'd

VT-TCNMT
Corner Mount Adapter - VT-TWMT### Req'd



BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTD-TNMD8RFA-2

[VTD]	[T]	[N]	[M]	[D]	[8]	[R]	[F]	[A]	[2]
VITEK DOME	TRANSCENDENT	Network	Miniature	Dome	8MP	IR	Fixed	Analytics	2.8mm Fixed Lens

An Eye On Innovation

SINCE 1997

www.vitekcctv.com

VTD-TNMD8RFA4-2 [PRELIMINARY SPECS]

DETAILED SPECIFICATIONS

Image Sensor	1/2.8" 8 MegaPixel (4K) Progressive Scan Starlight CMOS Sensor
Image Size	3840 × 2160
Electronic Shutter	1/3s ~ 1 / 100000s
Min. Illumination	0.02 lux@F1.6, AGC ON, 0 lux with IR
Lens	2.8mm@F1.6 - Horizontal FoV:104°, Vertical FoV:55°, Diagonal FoV:125°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	XD-DNR (3D / 2D DNR)
EIS	Yes
Angle Adjustment	Pan: 0°~360°, Tilt:0°~70°, Rotation: 0°~350°
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Standard	Baseline Profile / Main Profile / High Profile
Resolution	8MP(3840×2160), 6MP(3072×2048), 5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP (2304×1296), 1080P(1920×1080), 720P(1280×720), D1, CIF, 480 × 240, VGA(640×480)
Main Stream	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(60Hz:1~30fps; 50Hz:1~25fps)
Sub Stream	HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
Third Stream	720P/D1/CIF/VGA/480 × 240 (60Hz: 1~30fps, 50Hz: 1~25fps) 720P/D1/CIF/480 × 240 (60Hz:1~30fps, 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, Noise Reduction, all adjustable through client software or web browser
ROI	Each ROI to be configured separately
Network	RJ 45 10M/100M self-adaptive Ethernet port
CVBS Output	No
Audio	1CH audio input, 1CH audio output, 2CH built-in MICs*

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VTD-TNMD8RFA4-2 [PRELIMINARY SPECS]

DETAILED SPECIFICATIONS

Storage	Built-in microSD card slot (up to 256GB)
Reset	Yes
Alarm	1CH alarm input, 1CH alarm output
Smart Event	Line crossing, region intrusion / entrance / exit (human / vehicle classification), abandoned / missing object detection, crowd density detection
Statistics	Target counting by line, heat map
Exception Detection	Scene change, video blur and abnormal color detection
Face A.I.	Face detection / recognition / comparison
Video Meta Data	Simultaneously captures the human body, motor vehicles, and non-motor vehicles, extracting 13 features from humans, 5 features from motor vehicles, and 1 feature from non-motor vehicles
D.O.R.I. Distance	Detect: 272ft (83m), Observe: 108ft (34m), Recognize: 56ft (17m), Identify: 26ft (8m)
Remote Monitoring	Web Browser / Transcendent VMS2.0 / NVR / mobile APP
Web Browser	IE11(plug-in required) / Chrome 92.0+ / Edge 92.0+ / Firefox 91.0+ / Safari 13.1+
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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF (Profiles S, G, T, M)
Storage	On board microSD card storage (up to 256GB), Network remote storage
Smart Alarm	Motion detection, Sensor alarm, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
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
PoE	Yes , IEEE802.3af
IR Distance	Up to 100' (30m)
Ingress Protection	IP67 Weather Resistance
Power Supply	DC12V/PoE
Power Consumption	< 7W
Operating Conditions	-22°F~140°F (-30°C~60°C), Humidity: less than 95 % (non-condensing)
Dimensions	Ø4.35" × 2.44" / 110.4mm × 62mm
Weight Net, (Shipping)	14.82oz / .93lb / 420g (18.34oz / 1.15lb /520g)
Installation	Ceiling mounting, Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

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