VTD-TND4MEA

Transcendent 4 MegaPixel Motorized AF IP Dome Camera
with Programmable Analytics

VITEK®
INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 1/3" 4.0 MegaPixel CMOS Image Sensor
- Up to 30fps@4MP (2560×1440)
- 2.8~12mm Motorized Varifocal Lens
- Matrix IR (up to 165' IR Range)
- 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 + IK10 Impact Resistance
- Optional J-Boxes and Various Mounting Options Available - see below
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

TRANSCENDENT

Also available in Charcoal, VTD-TND4MEAB

MICRO SD CARD SLOT
Supporting up to 256GB MicroSD Cards

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

TRANSCENDENT | NETWORK | INTEGRATED AUDIO | 4MP 4 MEGAPIXEL | MATRIX IR ILLUMINATION | MOTORIZED VARIFOCAL LENS | PROGRAMMABLE ANALYTICS

PROGRAMMABLE ANALYTICS @VITEK

NDAA COMPLIANT

TRANSCENDENT ANALYTICS!

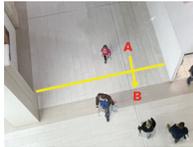*TRANSCENDENT* @VITEK

OBJECT TRACKING
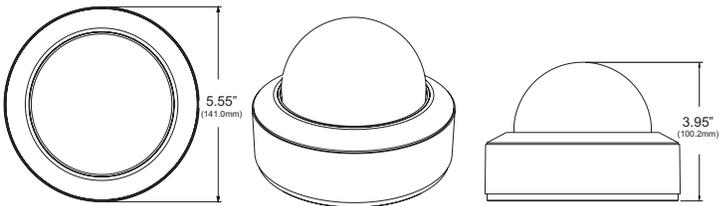Track Objects Removed from or Abandoned in Secure Areas

AREA
Fully Programmable Regional Intrusion Detection

LINE CROSSING
Track People or Vehicles Entering / Exiting Designated Areas

TRANSCENDENT ADVANCED IP CAMERA WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDAA Compliant High Definition 4 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.

5.55" (141.0mm)

3.95" (100.2mm)

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.vitekcctv.com for More!

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

VT-TJB010
Optional Junction box for Cable Management

VT-TPDMT-A2
Pendant Mount
(VT-TJB010 Req)

VT-TWMT-A2
Wall Mount
(VT-TJB010 Req)

VT-TWM03X
Changeable Plate Universal Wall Mount

VT-TFMT-L2
In-ceiling Semi-flush Mount

VT-TPLMT
Universal Pole Mount Adapter (VT-TWM03X or VT-TWMT-A2 + VT-TJB010 Req)

VT-TCNMT
Universal Corner Mount Adapter (VT-TWM03X or VT-TWMT-A2 + VT-TJB010 Req)

An Eye On Innovation

ONVIF

Google play

Available on the App Store

SINCE 1997

www.vitekcctv.com

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

VTD-TND4MEA

DETAILED SPECIFICATIONS

Image Sensor	1/3" CMOS
Image Size	2560×1440
Electronic Shutter	1/1s ~ 1/100000s
Lens	2.8~12mm Motorized Varifocal
Min. Illumination	0.004 lux @F1.4, AGC On, 0 lux with illumination on
Field of View	Horizontal 92°~31°, Vertical: 48°~17.2°, Diagonal: 112°~35.6°
Focus	Motorized AutoFocus
Supplemental Light Range	Matrix IR Range: up to 165'
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°~345°, Tilt:0°~80°, Rotation: 0°~345°
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	4MP (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), CIF (480×240)
Main Stream	60Hz: 4MP/1080P (1~30fps) 50Hz: 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 ~6Mbps
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*

VTD-TND4MEA

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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 3 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 / Impact	IP67 Weather Resistance + IK10 Impact
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: 210ft (64m) Observe: 84ft (26m) Recognize: 42ft (13m) Identify: 20ft (6m) 2.8~12mm(T) Detect: 619ft (189m) Observe: 247ft (75m) Recognize: 124ft (38m) Identify: 62ft (19m)
Power Supply	DC12V/PoE
Power Consumption	≤7.5W
Operating Conditions	-22°F~140°F (-30°C~60°C), Humidity: less than 95 % (non-condensing)
Dimensions (Dia × H)	5.55" × 3.95" (141 × 100mm)
Weight	1.94lbs / 31.04oz / 0.88kg
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)

BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TND4MEA

[VTC]	[T]	[N]	[D]	[4]	[M]	[E]	[A]
VITEK Camera	TRANSCENDENT	Network	Dome	4MP	Motorized	Entry Level	Second Iteration

NDAA COMPLIANT

4/2025: REV-1.0