

VTD-TND4RMA4

Transcendent Gen. IV 4 MegaPixel Advanced A.I.
Motorized Vandal Dome Camera [PRELIMINARY SPECS]



KEY FEATURES

- 1/3" 4 MegaPixel Progressive Scan Starlight CMOS Sensor
- NDAA Compliant
- Up to 30fps @ 4 MegaPixel (2592×1520)
- Available with 2.8~12mm Motorized Varifocal Lens in Ivory or Charcoal Grey
VTD-TND4RMA4 (Ivory), VTD-TND4RMA4B (Charcoal)
- Matrix IR (up to 165' IR Range)
- True Wide Dynamic Range
- True Mechanical Day/Night function by ICR
- 3D-DNR (Digital Noise Reduction)
- Gen. IV Advanced Analytics: Regional Intrusion Detection, Regional Entrance / Exiting Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification] Face Detection, Video Blur, Video Color Cast Detection, Abnormal Video
- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- 1 Ch. Audio In + 1 Ch. Audio Out + Built-in Mic*
- 1 Ch. Alarm In + 1 Ch. Alarm Out + 1 Ch. CVBS Video Out
- Remote Viewing via CMS, Internet Explorer, and iOS & Android Apps
- ONVIF Compliant
- MicroSD Card Slot for Local Recording (256GB)
- IP67 Weather Resistance + IK10 Impact Rating
- Optional Junction Box (VT-TJB010), Wall Mount (VT-TWMT-A2 [reqs. VT-TJB010]), Pendant Mount (VT-TPDMT-A2 [reqs. VT-TJB010]), and In-Ceiling Semi Flush Mount (VT-TFMT-L2) Available
[See Additional Mounting Options Below]
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

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

GEN. IV ADVANCED ANALYTICS



FACIAL DETECTION

Security personnel can find out who entered / left the restricted area and at what time



TARGET COUNTING

Keep count of vehicles, motorbikes, bicycles and people in a given area



REGIONAL ENTRANCE/EXIT

Begin NVR recording and receive an alert upon subjects entering / exiting; ideal for



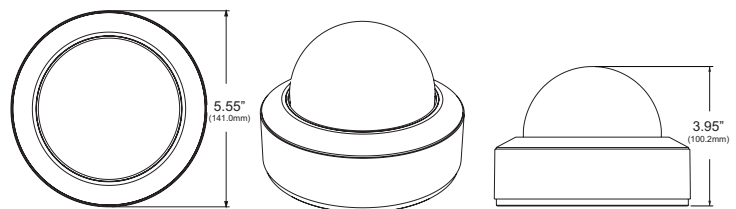
Pair with VITEK Transcendent Series Network Recorders VT-TNR818PFN, VT-TNR1646PFN, and VT-TNR3216PFN with Built-in PoE and Fully Programmable Intelligent Analytics including Facial Detection.

An Eye On Innovation



TRANSCENDENT "GEN IV" SERIES NDAA COMPLIANT IP CAMERAS WITH AI POWERED FACIAL DETECTION AND MORE!

Transcendent Series NDAA Compliant High Definition 4 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, Internet Explorer, and iOS & Android Apps.



VT-TJB010
Optional Junction box for Cable Management

VT-TPDMT-A2 (+VT-TJB010)
Pendant Mount - reqs. VT-TJB010

VT-TWMT-A2
Wall Mount - reqs. VT-TJB010

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

VT-TPLMT
Universal Pole Mount Adapter - reqs. VT-TJB010

VT-TCNMT
Universal Corner Mount Adapter - reqs. VT-TJB010



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DETAILED SPECIFICATIONS

Image Sensor	1/3" 4.0 Megapixel Progressive Scan CMOS
NDAA Compliant	Yes
Image Size	4 MegaPixel (2592 × 1520)
Resolution	4 MP(2592 × 1520) / 3 MP(2304 × 1296) / 1080P(1920 × 1080) / 720P(1280 × 720) / D1 / CIF(480 × 240)
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm~12mm Motorized Varifocal
Day / Night	True Day/Night by ICR
IR LEDs / IR Distance	3 Matrix Style IRs / Up to 165'
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Audio Compression	G.711A / G.711U
Main-Stream	4MP/2K/3MP/1080P / 720P (60Hz: 1 ~ 30fps, 50Hz: 1~25fps) HFR mode: 1080P / 720P (60Hz: 1 ~ 60fps, 50Hz: 1~50fps)
Sub / Third Stream	720P/D1/CIF (60Hz: 1 ~ 30fps, 50Hz: 1~25fps) / D1/CIF/480x240 (60Hz: 1 ~ 30fps: 50Hz: 1~25fps)
Bit Rate / Type	64 Kbps ~ 8 Mbps / VBR, CBR
Wide Dynamic Range	120dB Super WDR
Other Features	Highlight Compensation, Backlight Compensation, DeFog, Hardware Reset
Digital Noise Reduction	XD-DNR (3D-DNR & 2D-DNR)
Image Setting	ROI, Saturation, Brightness, Chroma, Contrast, Sharpen, NR; adjustable through client software / web browser
Gen. IV Advanced Analytics	Regional Entrance / Exiting Detection, Line Crossing, Target Counting <i>[all by Human / Motor Vehicle Classification]</i> Face Detection, Video Blur, Video Color Cast Detection, Abnormal Video
Smart Alarm	Motion Detection, SD Card Error, SD Card Full
Region of Interest (ROI)	Each ROI to be configured separately
Audio	1 Ch. Audio In + 1 Ch. Audio Out + Built-in Mic*
Video Output	1 Ch. CVBS Video Out
Alarm	1 Ch. Alarm In + 1 Ch. Alarm Out
Local Storage	Built-in MicroSD Card Slot (up to 256GB)
Remote Viewing	CMS / Web Browser / Mobile (iOS/Android)
Supported Browsers	IE (Plug-in Required) / Google Chrome / Edge / Firefox / Safari
Connection Protocol	ONVIF
Ingress Protection / Impact	IP67 + IK10 Impact Rating
Power Input	12VDC / PoE
Pwr Consumption 12VDC, PoE	350mA (LEDs Off) / 750mA (LEDs On), 9W
Working Environment	-22° ~140° / < 95% Humidity
Weight	38.80 oz. / 2.42 lbs. / 1.1kg (NET) 48.86 oz. / 2.87 lbs/ 1.3kg (SHIPPING)
Dimensions (Dia × H)	5.55" × 3.95" (141.0mm × 100.2mm)

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