

VTC-TNT2X4MSN

Transcendent Series 8MP (2x4MP) Dual Sensor 180° Panoramic Full Color at Night Turret Camera with GEN IV Analytics

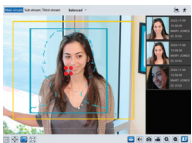


KEY FEATURES

- 2 x 1/2.5" 5 MegaPixel Progressive Scan CMOS Sensors
- Up to 20fps live view @ 8MP - 4096x1800 (4K) (Stitching Mode)
- Resolution: 8MP (4K) / 6MP / 3MP / 1.3MP / 1080P
- Digital Zoom: 8x
- Lens: 2 Sets x ft=3.5mm, M12, Optical Distortion <15%
- KNIGHT GUARD deploys Bright High-Intensity Light (Up to 65')
- Warm White Light
- Triple Streaming: 265+ / H.265 / H.264+ / H.264 / MJPEG
- 1Ch Audio In + Out + Built-in Mic + Speaker: 10 Pre-Defined Custom Voice Tracks
- Triple Streaming - Main-Stream: 20fps: 4096x1800, 3840x1680, 2880x1264, 1920x080, 1280x720
Sub Stream: 20fps: 1080P, 1280x720, 704x480, 640x240
Third Stream: 30fps: 704x480, 640x240, 480x240
- Gen IV Advanced Analytics: Regional Entrance / Exit Detection, Line Crossing (All by Human / Motor Vehicle Classification) Face Detection, Object Appear / Missing
- Built-in MicroSD Card Slot (up to 256GB)
- Remote Viewing: VMS / Web Browser / Mobile (iOS/Android)
- IP67 Ingress Protection / Weather Resistance + IK10 Impact Rating
- Power Input: 12VDC / PoE+ (See Pg 4 for Injector VT-POE60)
- Fast-Mounting Adapter Included in Package - See Page 4 for Additional Mounting Options
- 3-Year Warranty

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

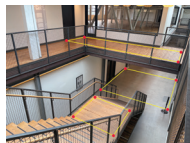
TRANSCENDENT GEN. IV ADVANCED ANALYTICS!



AI FACIAL RECOGNITION
Face Detection with Face Database



LINE CROSSING
Track People or Vehicles Entering/Exiting



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



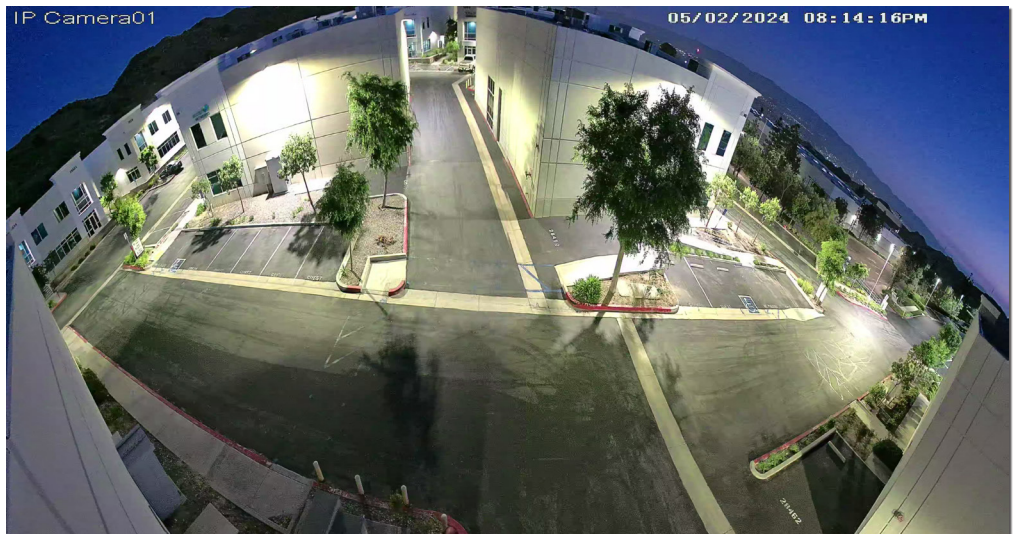
INCREDIBLY CLEAR NEAR-SEAMLESS 180° IMAGERY AT A HIGHLY COMPETITIVE PRICE POINT

The VITEK VTC-TNT2X4MSN Dual Sensor PeriCam HD Network Camera with 180° panoramic view utilizes two separate 1/2.5" 5MP Progressive Scan CMOS Image Sensors (8MP (4K) Total, with one IP Address), and two separate 3.5mm fixed lenses to produce a seamless high quality single image of a large surveillance area. With white light capable of covering a 65' radius, this camera is ideal for large public areas, including transit hubs, ports, conference centers, stadiums, campuses, parking facilities, and plazas. Available with a variety of mounts for all application scenarios [see pg 4].



**180° FIELD OF VISION:
PERSPECTIVE IS EVERYTHING!**

Vitek Peri-Cam Technology
Produces a Seamless
Ultra-High Resolution
180° Field of View with a
Greater Depth of Field than
a Fisheye!



BREAKDOWN OF MODEL NUMBERS: EXAMPLE: VTC-TNT2X4MSN

[VTC]	[T]	[N]	[T]	[2]	[X]	[4]	[M]	[S]	[N]
VITEK	TRANSCENDENT	Network	Turret	2	Multipled	4MP/	Multi	Sensor	NDAA
Camera				Sensors	by	Sensor			Compliant

An Eye On
Innovation

www.vitekccv.com



SPECIFICATIONS

Image sensor	2 × 1/2.5" Progressive Scan CMOS Sensor
Max resolution	4096 × 1800 (Stitching Mode)
Mini. Illumination	Color: 0.005Lux @ (f1.1, IRE 50), B/W: 0.0005 Lux@ (f1.1, IRE 50), 0 Lux with White LED
Image setting	Saturation, Brightness, Contrast, Sharpness, Auto Gain Control, etc. Adjusted by Client
Shutter Speed	60Hz: 1/30s-1/30,000s, 50Hz: 1/25s – 1/25,000s
White Balance	Auto / Manual / Indoor / Outdoor
Gain / Iris Control	Auto / Manual
Day & Night	Auto / Manual, time schedule
SNR	≥52dB
3D DNR	Auto / Manual
AE Enhancement	Backlight Control (BLC), Highlight Control (HLC), Digital Wide Dynamic Range (D-WDR)
Digital Zoom	8x
WDR	Digital Wide Dynamic Range (D-WDR)
Privacy Mask	Eight (8) Areas -- Up to Eight Masks in the Same Frame
Picture overlay	Logo Picture Can be Overlaid on Video with 128px × 128px, 24bits JPG format
OSD Overlay	Max Fifteen (15) Characters / Line, Eight Lines, White or Red Colored Font
Angle Adjustment	Vertical -5~+5°, Rotation ±75°
Focus Type	2 × f=3.5mm, M12 mount, Optical Distortion <15%
Aperture	Fixed, f1.11
IR CUT type	Fixed, White Light Pass (Only)
D.O.R.I.	Detect: 295'(63.65m), Observe: 117' (25.26m), Recognize: 39' (12.73m), Identify: 29.5' (6.36m)
Stitching FOV	Horizontal FOV:180°±5%;Vertical FOV: 65°±5%
Stitching Method	Alpha-Blending
IR Type / Range	Warm White Light 65' (20m)
Smart Brightness	Yes - Facial Priority
Mainstream A.I. On	60Hz: 20fps - 4096 × 1800 (4K), 3840 × 1680, 2880 × 1264, 1920 × 1080, 1280 × 720, 50Hz: 20fps - 4096 × 1800 (4K), 3840 × 1680,2880 × 1264,1920 × 1080,1280 × 720
Sub stream A.I. On	60Hz: 20fps - 1920 × 1080, 1280 × 720, 704 × 480, 640 × 240, 50Hz: 25fps: 704 × 576, 640 × 240, 480 × 240
3rd Stream A.I. On	60Hz: 30fps - 704 × 480, 640 × 240, 480 × 240, 50Hz: 20fps - 1920 × 1080, 1280 × 720, 704 × 576, 640 × 240
Video compression	Smart H.265+/H.265/H.264+/H.264/MJPEG
H.264 Standard	H.264 / AVC codec BP / MP / HP, Level 5.1
H.265 Standard	H.265 / HEVC codec MP, level 5.0
Video Bit Rate	64 Kbps to 16Mbps
Microphone	One Built-in Mic, Omni-Directional, 2KΩ, -36dB@1KHz Sensitivity, THD 115dB SPL@1KHz*
Speaker	One Built-in speaker, 4Ω, 2W Nom, 750Hz LFR, 100dB@0.1m
Predefined Voice	Supports Customized Pre-Defined Voice Tracks (Max 10 Tracks)
Audio compression	64 Kbps to 16Mbps

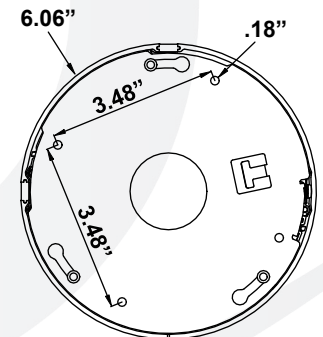
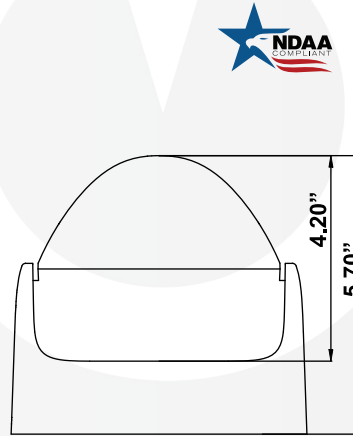
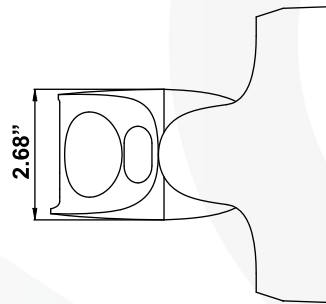
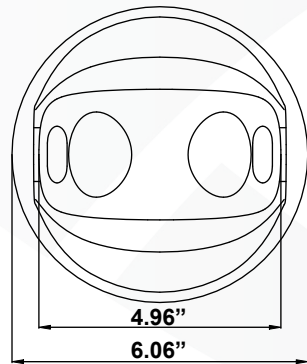
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Audio compression	G.711 A/U
Audio Bit Rate	64 Kbps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P, SSL/TLS
User / Host	Up to Sixteen Users, Three Levels: Administrator, Advanced User and Normal User
Security Measures	User Authentication (ID and PW), Host Authentication (MAC Address), HTTPS Encryption, IEEE802.1x Port-Based Network Access Control, IP Address Filtering, Basic and Digest Authentication for HTTP/HTTPS, WSSE and Digest Authentication for Open Network Video Interface, RTP/RTSP Over HTTPS, Security Audit Log, TLS 1.2
API	ONVIF G/S/T, Support VITEK SDK and Third-Party Management Platform
Client	VITEK NVR1.4.11, Transcendent VMS 2.0, and Third-Party Client, Free iOS, and Android App
Web Browser	IE8-11 with Plug-in, Edge, Chrome, Firefox with Plug-in (Free)
Basic Event	Motion Detection, Video Tampering Alarm, Alarm Input, Alarm Output, Exception (Network Disconnection, IP Address Conflict, SD Card Full, SD Error)
Smart Event	Line Crossing, Region Entrance / Exit Detection, Object Removal Detection, Intrusion Detection
Alarm Linkage	Alarm, Memory Card Record, Trigger Record, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email
Face Capture	Detect Multiple Faces in the Same Scene - Supports Detection, Capture, Grading, and Output
Face Comparison	Yes (Default Off)
Perimeter Protection	Line Crossing, Intrusion, Region Entrance, Region Exit, Support Alarm Triggering by Specified Type
Alarm Interface	1 Alarm Input (Dry Contact), 1 Alarm Output
Alarm Linkage	Upload to FTP/Memory Card, Notify Surveillance Center, Send Email, Trigger Alarm Output / Recording / Capture
Aux. Audio Interface	1Ch. LINE IN, 2.0-2.4Vpp, Impedance 1KΩ, 1Ch. LINE OUT, Impedance 600Ω*
Network Interface	1 RJ45 10M/100M Adaptive Ethernet
SD Card Slot	MicroSD Slot and Chamber, up to 256G
Reset button	Yes
Water removal	Lotus Anti-water Lens Cover Coating
Languages	English, Italian, Portuguese, Polish, Spanish
Power consumption	Avg. 4watt. Max 12 Watt. (Speaker On + White Light On)
Power supply	DC12V±15% 1500mA (Or) PoE+ (802.3af, Class 3)
Working Conditions	-40°C~55°C (-40°F ~ 131°F), Cold start>=-30°C (1 hour waiting);90%RH
Storage condition	-40°C ~ 70°C; ≤ 95% RH
Housing Material	Main Body: Aluminum Alloy (ADC12), Lens Cover: Polycarbonate
Weight (Net/Gross), Dims	Approximately 4.63lbs / 5.95lbs (2.1kg / 2.7kg) / Ø6.06" × 5.7" (Ø154mm × 145mm)
EMC	FCC SDcC (47 CFR Part 15, Subpart B), CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013, EN 50130-4: 2011+A1: 2014)
Certification	CB (IEC 60950-1:2005 + Am1: 2009 + Am 2: 2013, IEC 62368-1: 2014), CE-LVD (EN 62368-1: 2014+A11: 2017), BIS (IS 13252 [Part 1]: 2010+A1: 2013+A2: 2015)CE-LVD (EN 62368-1: 2014+A11: 2017), BIS (IS 13252(Part 1): 2010+A1: 2013+A2: 2015)
Environmental	CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013, EN 50130-4: 2011+A1: 2014)

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DIMENSIONS



QUICK MOUNT ADAPTER Included in Camera Package



HARDWARE FEATURES

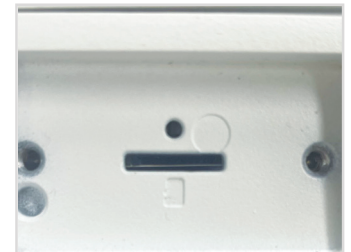
CABLE CONNECTIONS

Alarm, Ethernet (PoE), 12VDC
Input, Audio I/O*



MICRO SD CARD SLOT

Supporting up to 256GB
MicroSD Cards



OPTIONAL MOUNTS & ACCESSORIES



VT-TWM02X
Optional Wall Mount (with
J-Box) for VTC-TNT2X4MSN



VT-TPDM-3W
Pendant Mount
(VT-TJB021W
Req'd)



VT-TPLMT-W
Universal Pole Mount
Adapter (VT-TWM02X
Req'd)



VT-TCNMT-W
Universal Corner Mount
Adapter (VT-TWM02X
Req'd)

VT-POE60 60 Watt POE Mid-Span Injector, 4-Pair Compliant



Pair With Transcendent IP NVRs!

Transcendent IP Gen. IV NVRs available in 4, 8, 16, 32, 64 and 128 Channels,
Supporting a Myriad of Advanced Analytic Functions and Applications! See
www.vitekccv.com for More!