VTC-TNT4FADW-2

Transcendent Series 4 MegaPixel Indoor / Outdoor WDR Knight Guard + Active Deterrence Fixed IP Turret Camera

KEY FEATURES

- 1/3.0" 4.0 MegaPixel CMOS Image Sensor
- Up to 30fps @ 4MP (2592 × 1520)
- 2.8mm Fixed Iris Lens
- Vitek Knight Guard Full Color at Night Camera
- Active Deterrence: Alternate Flashing Red + Blue Warning Lights & User-Defined Warning / Command Voice Import
- White Light or Matrix IR / Up to 130'
- True Wide Dynamic Range (120dB)
- Triple Streaming: H.265+, H.264+ & MJPEG Compression
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Backlight / Highlight Compensation, DeFog, Hardware Reset, ROI
- Gen. IV Advanced Analytics: Regional Entrance / Exit Detection, Line Crossing,Target Counting (All by Human / Motor Vehicle Classification) Face Detection, Heat Map, Video Blur, Color Detection, Abnormal Video, and more!
- 1 Ch. Audio In + 1 Ch. Audio Out + Built-in Mic + Built-in Speaker*
- 1 Ch. Alarm In + 1 Ch. Alarm Out
- Built-in MicroSD Card Slot for Local Recording (up to 256GB)
- Smart Alarm: Motion Detection, Sensor Alarm, SD Card Error / Full, IP Address Conflict, Cable Connection
- IP66 Weather Resistance
- Optional Junction Boxes (VT-TJB01, VT-TJB021), Wall Mounts (VT-TWM01 [reqs. VT-TJB021], VT-TWMT-4) and Pendant Mounts (VT-TPDM-2 [reqs. VT-TJB01], VT-TPDM-3 [reqs. VT-TJB021]) *[See Page 3]*
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

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



KNIGHT GUARD

FACE DETECTION

ACTIVE DETERRENCE

INTELLIGENT ANALYTICS GEN IV

TRANSCENDENT 4 MEGAPIXEL FULL COLOR AT NIGHT + ACTIVE DETERRENCE CAMERAS: THE MOST ADVANCED ALL-IN-ONE SECURITY SOLUTION AVAILABLE!

Transcendent Series 4MP Full Color @ Night + Active Deterrence Cameras boast rich color and clear details in all light conditions, including total darkness. Combined with Active Deterrence Capabilities, these Cameras employ revolutionary multi-layer security features to audibly warn and ward off intruders or trespassers in real-time, bringing advanced perimeter protection and strengthened deterrence to nearly any security application. Onboard advanced video structure technology identifies humans, vehicles, and 2-wheeled transportation, while avoiding false alarms such as passing animals, and precipitation. These models also support Gen. IV Advanced Analytics including A.I. Powered Facial Recognition!

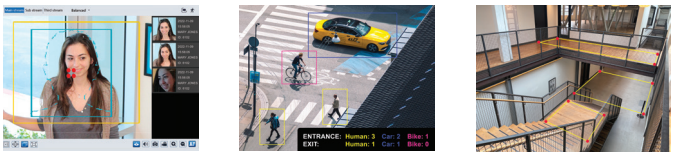
FLASHING SIREN-STYLE LIGHTS + CUSTOM



MORE THAN A CAMERA!

Featuring Matrix IR Night Vision + law enforcement style red and blue flashes (white light) with a high-decibel alarm or custom / pre-recorded voice commands emitted from a built-in speaker.

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!

RELATED PRODUCTS

TRANSCENDENT by VITEK



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.*

TRANSCENDENT VMS PLATFORM



POWERFUL MOBILE APPS
Mobile Apps Available for Apple iOS® & Google Android®.



ROBUST LOCAL INTERFACE.
Face Detection with Face Database



FREE VMS FOR MULTIPLE LOCATIONS
Free VMS (Video Management Software) for Easy Management of Multiple Locations.



VERSATILE SOLUTION
Remote Viewing/Management using Apple macOS®, Microsoft Windows® and web browsers.

An Eye On Innovation

Available on the App Store | Google play | ONVIF

SINCE 1997

www.vitekcctv.com

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DETAILED SPECIFICATIONS

Image Sensor	1/3.0” 4.0 MegaPixel Progressive Scan CMOS
Image Size	4 MegaPixel (2592×1520)
Resolution	4MP (2592×1520), 2K (2560×1440), 3MP (2304×1296),1080P (1920 ×1080), 720P (1280×720), D1, VGA (640×480), CIF, 480 × 240
Frame Rate	30fps @ 4MP and Lower
Main-Stream	4MP/2K/3MP/1080P/720P (60Hz: 1~30fps)
Sub-Stream	720P/D1/VGA/CIF (60Hz: 1~30fps)
Third-Stream	D1/VGA/CIF/480×240 (60Hz: 1~30fps)
Min. Illumination	0.03lux @ F1.6 with AGC ON, 0 lux with IR, 0 lux with LED
Lens	2.8 mm@F1.6, H.FoV:96°, V.FoV: 54.5°, D.FoV:113°, 3.6 mm@F1.6, H.FoV: 79.5°, V.FoV:42°, D.FoV:95°
Angle Adjustment	Pan: 0°~360°, Tilt:0°~75°, Rotation: 0°~360°
S/N Ratio	≥50dB
Day / Night	True Day / Night by ICR
Night Vision / Range	White Light or Matrix IR / Up to 130’
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG [Triple Streaming]
Audio Compression	G.711A / G.711U
Audio	1Ch. Audio Input, 1Ch. Audio Output + Built-in Speaker + Built-in Microphone
Alarm	1Ch. Alarm Input, 1Ch. Alarm Output
CVBS Video Out	No
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, Hue, Contrast, Wide Dynamic, Range Sharpness, Image Flip, Image Mirror, Noise Reduction) (Adjustable through client software or web browser)
Advanced Analytics	Intrusion Detection, Line Crossing, Target Counting [All by Human / Motor Vehicle Classification], Face Detection, Scene Change, Video Blur, Abnormal Color Detection, Heat Map
Smart Alarm	Motion Detection, Sensor Alarm, SD Card Error, SD Card Full, IP Address Conflict, Cable Connection
Region of Interest (ROI)	Each ROI to be Configured Separately
Sound / Light Warning	Flashing Red and Blue Lights + Speaker with User-Defined Warning Voice Import
DORI	Detect: 195.73 (59.66m), Observe: 72.28’ (23.86m), Recognize: 39.14’ (11.93m), Identify: 19.55’ (5.96m)
Local Storage	Built-in MicroSD Card Slot (up to 256GB)
Remote Viewing	VMS / Web Browser / Mobile (iOS/Android)
Online Connection	Support Simultaneous Monitoring for up to 10 Users, Support multi-stream real time transmission
Supported Browsers	IE11(plug-in required) / Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
Network Connection	RJ 45 10M/100M Self-Adaptive Ethernet port

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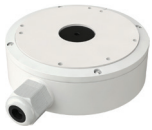
DETAILED SPECIFICATIONS

Network Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS
Connection Protocol	ONVIF
Ingress Protection	IP66
Security	Video Encryption, Firmware Encryption, HTTPs Encryption, Configuration Encryption, Illegal Login Lock, IP Address Filtering, 802.1x Authentication, Basic and Digest Authentication for HTTP/HTTPs
PoE	Yes , IEEE802.3af
Power Input	12VDC / PoE
Power Consumption (PoE)	<12W
Power Consumption (12VDC)	550mA (LEDs Off) / 1050mA (LEDs On)
Working Environment	-22° ~140°F (-30°~60°C) / < 95% Humidity
Storage Environment	-22° ~149°F (-30°~65°C) / < 95% Humidity
Weight NET (GROSS)	22.57oz / 1.41lb / 640g (28.22 oz / 1.76lb / 800g)
Dimensions L × W × H	5.15" × 4.34" (131mm × 110mm)
Certificates	CE, FCC -- Complies w/ Directive EU RoHS, WEEE (2012/19/EU), Directive 94/62/EC & REACH (EC1907/2006)

MOUNTS AND ACCESSORIES



VT-TJB01
Optional Junction box for Cable Management



VT-TJB021
Optional Junction box for Cable Management



VT-TWMT-4
Optional Wall Mount



VT-TWM01
Optional Wall Mount (VT-TJB021 Req)



VT-TPDM-2
Optional Pendant Mount (VT-TJB01 Req)



VT-TPDM-3
Optional Pendant Mount (VT-TJB021 Req)



VT-TPLMT
Universal Pole Adapter (VT-TWM01 + VT-TJB021 Req)



VT-TCNMT
Universal Corner Adapter (VT-TWM01 + VT-TJB021 Req)

DIMENSIONS

