VTC-TNB4FEA-2

Transcendent 4 MegaPixel Fixed Lens IP Bullet Camera with Knight Guard and Programmable Analytics

KEY FEATURES

- 1/3" 4.0 MegaPixel CMOS Image Sensor
- Up to 30fps@4MP (2560×1440)
- 2.8mm Fixed Iris Lens
- Dual illumination with Matrix IR and Knight Guard white light (up to 100' Range)
- Full-color night vision powered by Knight Guard's White Light LEDs
- 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
- Widescreen 16:9 aspect ratio
- 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
- Optional Junction Box (VT-TJB08) Available (See Additional Mounting Options Below)
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty

*Also available in Charcoal, VTC-TNB4FEAB-2

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

MICRO SD CARD SLOT
Supporting up to 256GB MicroSD Cards

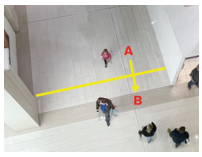
TRANSCENDENT | NETWORK | INTEGRATED AUDIO | 4MP 4 MEGAPIXEL | DUAL ILLUMINATION | FIXED IRIS LENS | STANDARD ANALYTICS

KNIGHT GUARD | PROGRAMMABLE ANALYTICS | NDAA COMPLIANT

TRANSCENDENT ANALYTICS!

OBJECT TRACKING
Track Objects Removed from or Abandoned in Secure Areas

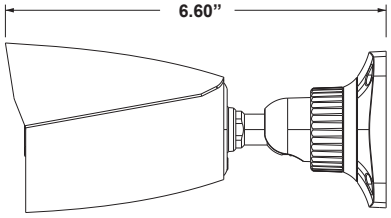
AREA
Fully Programmable Regional Intrusion Detection

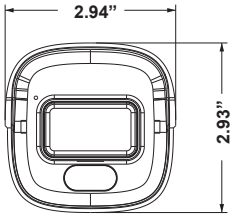


LINE CROSSING
Track People or Vehicles Entering / Exiting Designated Areas

TRANSCENDENT KNIGHT GUARD 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. These models also feature enhanced night vision using a White Light emitter.





VT-TJB08
Optional Junction Box for Cable Management

VT-TPLMT
Universal Pole Mount Adapter - reqs. VT-TJB08

VT-TCNMT
Universal Corner Mount Adapter - reqs. VT-TJB08

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.

BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNB4FEA-2

[VTC]	[T]	[N]	[B]	[4]	[F]	[E]	[A]
VITEK Camera	TRANSCENDENT	Network	Bullet	4MP	Fixed	Entry Level	Second Iteration

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

An Eye On Innovation | ONVIF | Google play | Available on the App Store

www.vitekcctv.com

SINCE 1997

VTC-TNB4FEA-2

DETAILED SPECIFICATIONS

Image Sensor	1/3” CMOS
Image Size	2560×1440
Electronic Shutter	1/1s ~ 1/100000s
Iris Type	Fixed Lens
Min. Illumination	0.005 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm
F.o.V.	Horizontal FoV: 94°, Vertical FoV:50°, Diagonal FoV:115°
Supplemental Light Range	IR range: up to 100', White light range: up to 100'
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes - Backlight Control
HLC	Yes - Highlight Control
Digital NR	Yes - Digital Noise Reduction
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~180°, Tilt:0°~80°, Rotation: 0°~360°
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 Compression Standard	Main Profile @ Leve4.1 High Tier
Resolution	4MP (2560×1440), 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*

VTC-TNB4FEA-2

DETAILED SPECIFICATIONS

Storage	Built-in microSD 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 6 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 Protection	IP67
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
DORI	Detect: 259ft (79m) / Observe: 105ft (32m) / Recognize: 52ft(16m) / Identify: 27ft (8m)
Power Supply	DC12V/PoE
Power Consumption	< 6W
Operating Conditions	-22°F~140°F (-30°C ~ 60°C), Humidity: less than 95 % (non-condensing)
Dimensions	6.60” × 2.93” × 2.94” (167.6mm × 75mm x 74.6mm)
Weight (Net, Gross)	1.15lb / 18.34oz / 0.52kg, 1.46lb / 23.28oz /0.66kg (Gross)
Installation	Ceiling mounting, wall mounting (see page 1)
Certificates	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH (EC1907/2006)

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