

# 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 (2560x1440)
- 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



4 MEGAPIXEL



DUAL ILLUMINATION



FIXED IRIS LENS



STANDARD ANALYTICS



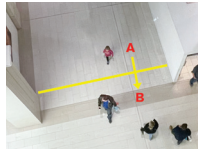
## TRANSCENDENT ANALYTICS!



**OBJECT TRACKING**  
Track Objects Removed from or Abandoned in Secure Areas



**AREA**  
Fully Programmable Regional Intrusion Detection

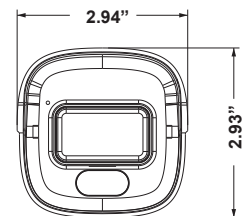
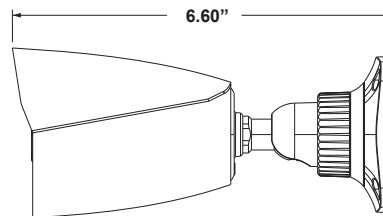


**LINE CROSSING**  
Track People or Vehicles Entering / Exiting Designated Areas



## TRANSCENDENT KNIGHT GUARD IP CAMERA WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDA A 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.



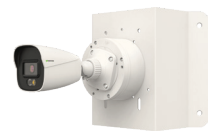
**VT-TJB08**  
Optional Junction Box for Cable Management



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



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



### BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNB4FEA-2

| [VTC] | [T]          | [N]     | [B]    | [4] | [F]   | [E]         | [A]              |
|-------|--------------|---------|--------|-----|-------|-------------|------------------|
| VITEK | 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



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## 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*                                                                                                                        |

## DETAILED SPECIFICATIONS

|                                 |                                                                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                  | Built-in microSD card slot (up to 256GB)                                                                                                                                                          |
| <b>Reset</b>                    | Yes                                                                                                                                                                                               |
| <b>Remote Monitoring</b>        | Web browser / Transcendent NVR / VMS / Mobile App                                                                                                                                                 |
| <b>Web Browser</b>              | Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+                                                                                                                                          |
| <b>Online Connection</b>        | Support simultaneous monitoring for up to 6 users, Support multi-stream real time transmission                                                                                                    |
| <b>Network Protocol</b>         | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS                                                                   |
| <b>Interface Protocol</b>       | ONVIF                                                                                                                                                                                             |
| <b>Smart Alarm</b>              | Motion detection, SMD, SD card error, SD card full, IP address conflict, network disconnection, video exception                                                                                   |
| <b>Programmable Analytics</b>   | Line crossing / Region Intrusion Detection (by human / vehicle classification), Object Abandoned / Missing, Scene Change Detection, Video Blur, Video Color Cast Detection                        |
| <b>More Features</b>            | Watermark, IP address filtering, video mask, heartbeat, ANR, cloud upgrade, smart supplement light, corridor pattern                                                                              |
| <b>PoE</b>                      | Yes (IEEE802.3af)                                                                                                                                                                                 |
| <b>Ingress Protection</b>       | IP67                                                                                                                                                                                              |
| <b>Security</b>                 | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP |
| <b>DORI</b>                     | Detect: 259ft (79m) / Observe: 105ft (32m) / Recognize: 52ft(16m) / Identify: 27ft (8m)                                                                                                           |
| <b>Power Supply</b>             | DC12V/PoE                                                                                                                                                                                         |
| <b>Power Consumption</b>        | < 6W                                                                                                                                                                                              |
| <b>Operating Conditions</b>     | -22°F~140°F (-30°C ~ 60°C), Humidity: less than 95 % (non-condensing)                                                                                                                             |
| <b>Dimensions</b>               | 6.60" × 2.93" × 2.94" (167.6mm × 75mm x 74.6mm)                                                                                                                                                   |
| <b>Weight (Net, Gross)</b>      | 1.15lb / 18.34oz / 0.52kg, 1.46lb / 23.28oz / 0.66kg (Gross)                                                                                                                                      |
| <b>Installation</b>             | Ceiling mounting, wall mounting (see page 1)                                                                                                                                                      |
| <b>Certificates</b>             | CE, FCC                                                                                                                                                                                           |
| <b>Environmental Protection</b> | Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH (EC1907/2006)                                                                                                    |

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