

# VTC-TNT6FEA-2

Transcendent Series 6 MegaPixel Fixed Lens IP  
WDR Turret Camera with Programmable Analytics



## KEY FEATURES

- 1/2.5" 6.0 MegaPixel CMOS Image Sensor
- Up to 20fps@6MP (3200 × 1800), Up to 30fps@4MP (2688 × 1520)
- 2.8mm Fixed Iris Lens
- Matrix IR / White Light (up to 100' Range)
- True Wide Dynamic Range (120dB)
- True Mechanical Day/Night function by ICR
- XD-DNR (3D & 2D-DNR) Noise Reduction
- Region Intrusion Detection, Object Abandoned / Missing, Scene Change Detection, Line Crossing, Video Blur, Video Color Cast Detection
- 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, Internet Explorer (Plug-in Req'd), Edge in IE Mode, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance
- Optional Wall Mount (VT-TWMT-3), Junction Boxes (VT-TJB01, VT-TJB08), and Pendant Mount VT-TPDM-2 [reqs. VT-TJB01] Available [See Additional Mounting Options Below]
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



\*Also available in Charcoal,  
VTC-TNT6FEAB-2



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

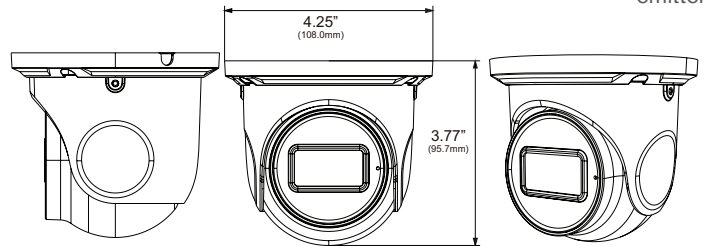


**MICRO SD CARD SLOT**  
Supporting up to  
256GB MicroSD Cards



## TRANSCENDENT SERIES NDAACOMPLIANT IP CAMERAS WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDAACOMPLIANT High Definition 6 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 White Light emitter.



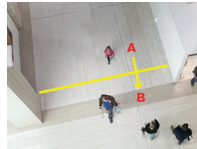
## TRANSCENDENT ANALYTICS!



**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

## 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.vitekccctv.com](http://www.vitekccctv.com) for More!

Firmware and Features may be upgraded periodically – Please contact your VITEK Representative for complete information on updates and downloads.

**VT-TWM04X**  
Wall Mount  
Bracket for  
Transcendent  
Fixed Turret  
Cameras

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

**VT-TJB01**  
Optional  
Junction box  
for Cable  
Management

**VT-TPDM2**  
Pendant  
Mount -  
reqs. VT-TJB01

**VT-TWMT3**  
Optional  
Wall Mount

**VT-TPLMT**  
Universal Pole  
Mount Adapter -  
reqs. VT-TJB08 /  
VT-TJB01

**VT-TCNMT**  
Universal Corner  
Mount Adapter -  
reqs. VT-TJB08 /  
VT-TJB01



**BREAKDOWN OF MODEL NUMBERS EXAMPLE: VTC-TNT6FEA-2**

|        |              |         |        |     |       |       |           |       |
|--------|--------------|---------|--------|-----|-------|-------|-----------|-------|
| [VTC]  | [T]          | [N]     | [T]    | [6] | [F]   | [E]   | [A]       | [2]   |
| VITEK  | TRANSCENDENT | Network | Turret | 6MP | Fixed | Entry | Second    | 2.8mm |
| Camera |              |         |        |     |       | Level | Iteration |       |

An Eye On  
Innovation



[www.vitekccctv.com](http://www.vitekccctv.com)



## DETAILED SPECIFICATIONS

|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor            | 1/2.5" CMOS                                                                                                                                               |
| Image Size              | 3200 × 1800                                                                                                                                               |
| Electronic Shutter      | 1/4s ~ 1/100000s                                                                                                                                          |
| Iris Type               | Fixed Iris                                                                                                                                                |
| Min. Illumination       | 0.008 lux @F1.6, AGC ON; 0 lux with illumination on                                                                                                       |
| Lens                    | 2.8mm@F1.6, Horizontal FoV: 104°, Vertical FoV:55°, Diagonal FoV:128°                                                                                     |
| Focus                   | Fixed                                                                                                                                                     |
| Day & Night             | ICR                                                                                                                                                       |
| Wide Dynamic Range      | 120dB                                                                                                                                                     |
| BLC                     | Yes - Backlight Control                                                                                                                                   |
| HLC                     | Yes - Highlight Control                                                                                                                                   |
| Digital Noise Reduction | Yes                                                                                                                                                       |
| S/N Ratio               | 50dB                                                                                                                                                      |
| Angle Adjustment        | Pan: 0°~360°, Tilt:0°~90°, 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 Standard          | Main Profile @ Leve4.1 High Tier                                                                                                                          |
| Resolution              | 6MP (3200 × 1800), 4MP (2688× 1520), 1080P (1920 × 1080), 720P (1280 × 720), D1, VGA (640× 480), 480× 240, CIF                                            |
| Main Stream             | 60Hz: 6MP(1~20fps) /4MP/1080P (1~30fps) 50Hz: 6MP(1~20fps) /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 ~8Mbps                                                                                                                                            |
| 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                                                                                                                                                        |

|                               |                                                                                                                                                                                                   |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Audio</b>                  | 1CH Audio Input, 1CH Built-in MIC*                                                                                                                                                                |
| <b>Storage</b>                | Built-in micro SD card slot (up to 256GB) + Network Remote Storage                                                                                                                                |
| <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>Supplement Light Range</b> | IR range: up to 100', White light range: up to 100'                                                                                                                                               |
| <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>D.O.R.I.</b>               | Detect: 218ft (66m) Observe: 87ft (27m) Recognize: 44ft (13m) Identify: 23ft (7m)                                                                                                                 |
| <b>Power Supply</b>           | DC12V/PoE                                                                                                                                                                                         |
| <b>Power Consumption</b>      | ≤6.5W                                                                                                                                                                                             |
| <b>Operating Conditions</b>   | -22°F~140°F (-30°C ~ 60°C), Humidity: less than 95 % (non-condensing)                                                                                                                             |
| <b>Dimensions Dia × H</b>     | 3.77 × 4.25" (95.7 × 108mm)                                                                                                                                                                       |
| <b>Weight</b>                 | 1.17lbs / 18.70oz / 0.53kg (NET) 1.37lb / 21.87oz / 0.62kg (SHIPPING)                                                                                                                             |
| <b>Installation</b>           | Ceiling mounting, Wall mounting                                                                                                                                                                   |
| <b>Certificates</b>           | CE, FCC                                                                                                                                                                                           |
|                               |                                                                                                                                                                                                   |

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