

# VTD-TND6FEA-2

Transcendent Series 6 MegaPixel Fixed Lens IP WDR  
Vandal Dome 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
- Programmable Analytics: Line crossing / Region Intrusion Detection (by human / vehicle classification), Object Abandoned / Missing, Scene Change Detection, 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, Web Browser, and iOS & Android Apps
- ONVIF Compliant
- IP67 Weather Resistance + IK10
- Optional Junction Box (VT-TJB03A), Wall Mount (VT-TWMT3), Pendant Mount (VT-TPDM-1 [reqs. VT-TJB03A]) and In-Ceiling Semi Flush Mount (VT-TFMT-S) Available [See Additional Mounting Options Below]
- 12VDC & PoE (Power over Ethernet) Operation
- 3-Year Warranty



\*Also available in Charcoal,  
VTC-TND6FEAB-2



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



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



TRANSCENDENT



NETWORK



INTEGRATED  
AUDIO



6 MEGAPIXEL



MATRIX IR +  
WHITE LIGHT



FIXED IRIS LENS



PROGRAMMABLE  
ANALYTICS



## TRANSCENDENT SERIES NDAA COMPLIANT IP CAMERAS WITH PROGRAMMABLE ANALYTICS!

Transcendent Series NDAA Compliant 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 emitters.

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

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



**VT-TJB03A**  
Optional Junction box for  
Cable Management



**VT-TFMT-S**  
In-ceiling Semi-flush  
Mount



**VT-TPDM-1**  
Pendant Mount  
(VT-TJB03A  
Req)



**VT-TWMT3**  
Wall Mount



**VT-TPLMT**  
Universal Pole Mount  
Adapter (VT-TJB03A Req)



**VT-TCNMT**  
Universal Corner Mount  
Adapter (VT-TJB03A Req)

### BREAKDOWN OF MODEL NUMBERS - EXAMPLE: VTC-TND6FEA-2

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

An Eye On  
Innovation



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



## DETAILED SPECIFICATIONS

|                            |                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor               | 1/2.5" CMOS                                                                                                                                               |
| Image Size                 | 3200 × 1800                                                                                                                                               |
| Electronic Shutter         | 1/4s ~ 1/100000s                                                                                                                                          |
| Iris Type                  | Fixed Lens                                                                                                                                                |
| Min. Illumination          | 0.008 lux @F1.6, AGC On, 0 lux with illumination on                                                                                                       |
| Lens                       | 2.8mm                                                                                                                                                     |
| Field Of View              | Horizontal FoV: 104°, Vertical FoV: 55°, Diagonal FoV: 128°                                                                                               |
| Supplemental Light Range   | IR range: up to 100', White light range: up to 100'                                                                                                       |
| Day & Night                | ICR                                                                                                                                                       |
| Wide Dynamic Range         | 120dB                                                                                                                                                     |
| BLC                        | Yes                                                                                                                                                       |
| HLC                        | Yes                                                                                                                                                       |
| Digital NR                 | Yes                                                                                                                                                       |
| S/N Ratio                  | 50dB                                                                                                                                                      |
| Angle Adjustment           | Pan: 0°~355°, Tilt: 0°~70°, Rotation: 0°~180°                                                                                                             |
| 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@Level4.1 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                       | No                                                                                                                                                        |

|                                    |                                                                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Audio</b>                       | 1CH audio input, 1CH built-in MIC*                                                                                                                                                                |
| <b>Storage</b>                     | Built-in micro SD 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>           | Supports 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 / Impact Protection</b> | IP67 Weather Protection + IK10 Impact Rating                                                                                                                                                      |
| <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: 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</b>                  | Ø4.69 × 3.44" (119 × 87.4mm)                                                                                                                                                                      |
| <b>Weight (Net, Gross)</b>         | 1.65lbs / 24.46oz / .75kg, 1.87lbs / 29.98oz / .85kg                                                                                                                                              |
| <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)                                                                                                     |



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