

# VTD-TND6FPN

Transcendent Series NDAA Compliant 6 MegaPixel Indoor/Outdoor IP67 Compact IP Vandal 360° Fisheye Camera



## KEY FEATURES

- 1/2.5" 6.0 MegaPixel CMOS Image Sensor
- Up to 30fps live view @ 6 MegaPixel (2160x2160)
  - Panoramic View: 15fps @ (3200x1800 / 1920x1080)
- True (120dB) Wide Dynamic Range
- 1.65mm @F2.0, horizontal field of view: 180° (Wall mounting), 360° (Ceiling mounting)
- 4 High Power Covert IR LEDs with up to 65' IR Range
- True Mechanical Day / Night function by ICR
- XD-DNR (2D-DNR & 3D-DNR) Noise Reduction
- ROI Encoding
- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- Secondary Video Output (CVBS)
- Programmable Analytics: Region Intrusion, Target Counting (Human / Vehicle classification), Crowd Density, Heat Map
- Remote Viewing via VMS, Web Browse, iOS & Android Apps
- ONVIF Compliant
- MicroSD memory card slot for Local recording supporting up to 256GB
- Optional Junction Box (VT-TJB-F1), Pedestal (VT-TPDM-F), and Wall (VT-TWM-F) Mounts Available
- IP67 Ingress Protection
- Two Way Audio\* (Amplified speaker required)
- 12VDC & PoE (Power over Ethernet) Operation



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

## AN ALL-IN-ONE SECURITY SOLUTION!

The VITEK Transcendent Series NDAA Compliant 6 Megapixel Panoramic Fisheye Network Camera enables complete visual coverage of a 360 degree area. Complete image may be split or de-warped into 3 separate images which can be manipulated for closer inspection by digital Pan Tilt and zoom within each divided image.

Features include Infrared LEDs for viewing in total darkness, 2-Way Audio and a micro SD card slot for local recording. One or more can be used as an overview in a sophisticated network video solution or as an All-in-One Video Surveillance system with Mobile applications supporting Virtual Reality mode.

## MULTIPLE VIEWS



## RELATED PRODUCTS AND ACCESSORIES!



Pair with VITEK Transcendent Series Network Recorders VT-TNR818PF, VT-TNR1646PF, and VT-TNR3216PF with Built-in PoE and Fully Programmable Intelligent Analytics including Facial Detection.

An Eye On Innovation

**VT-TJB-F1**  
Junction Box for Cable Management with VTD-TND6FPN



**VT-TWM-F**  
Wall Mount for VTD-TND6FPN



**VT-TPM-F**  
Pedestal / Pendant Mount for VTD-TND6FPN



**VT-TPLMT**  
Universal Transcendent Pole Mount Adapter - reqs. VT-TWM-F



**VT-TCNMT**  
Universal Transcendent Corner Mount Adapter - reqs. VT-TWM-F



www.vitekccv.com



<b>Image Sensor</b>	1/2.5" Progressive Scan CMOS
<b>Max. Resolution</b>	3200 × 1800
<b>Electronic Shutter</b>	1/3s ~ 1/100000s
<b>Min. Illumination</b>	0.01 lux@F2.0, AGC ON, 0 lux with IR
<b>Lens</b>	Fixed 1.65mm @F2.0, Horizontal Field of View: 180° (Wall Mounting), 360° (Ceiling)
<b>WDR</b>	True WDR 120dB
<b>S/N Ratio</b>	≥50dB
<b>IRs / Distance</b>	4 Covert Hi Power IRs / Up to 65' (20M)
<b>Digital NR</b>	XD DNR (3D-DNR / 2D-DNR)
<b>Video Compression</b>	Main Stream: H.265+ / H.265/ H.264+ / H.264, Sub Stream: H.265+ / H.265/ H.264+ / H.264 MJPEG
<b>H.264 Standard</b>	Baseline Profile / Main Profile / High Profile
<b>Main Stream (3 Modes)</b>	1: Fisheye: 30fps@(2160×2160/1440×1440) Panoramic: 30fps@(3200×1800/1920×1080) 3PTZ: 15fps (1280×720) * 3 2: Fisheye + 4 PTZ: 30fps@(2160×2160, 1440×1440) 4PTZ: 15fps@(1280×720) * 4 3: Fisheye: 30fps@(2160×2160, 1440×1440), 4PTZ Fusion View: 20fps@2560×1440
<b>Sub Stream</b>	Fisheye View: 30fps@(960×960,480×480)
<b>Bit Rate / Type</b>	64Kbps ~ 10Mbps / VBR/CBR
<b>Audio / Compression</b>	2 CH Built-in MIC, 1 CH Audio Input, 1 CH Audio Output* / G711A, G711U (2-Way Audio Only with Amplified Speaker)
<b>Image Settings</b>	ROI, Sat., Brightness, Hue, Contrast, WDR, Sharpness, Image Flip / Mirror, NR (Adjustable through Client Software / Browser)
<b>ROI</b>	8 ROI, Each ROI to be Configured Separately
<b>Network</b>	1 CH RJ45 10M / 100M Self-Adaptive Ethernet Port
<b>Video Output</b>	CVBS (BNC ×1)
<b>RS-485</b>	Yes, Half-Duplex
<b>Other Features</b>	Backlight Correction, Highlight Correction
<b>Reset</b>	Yes
<b>Alarm</b>	1 CH alarm input, 1 CH alarm output
<b>Remote Monitoring</b>	Web Browser / Transcendent VMS / NVR / Mobile App
<b>Web Browser</b>	IE11(plug-in required) / Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
<b>Online Connection</b>	Support Simultaneous Monitoring for up to 6 Users
<b>Network Protocol</b>	Support Multi-stream Real Time Transmission
<b>Interface Protocol</b>	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RT(C/M)P, SNMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTP/S/POST, QoS, P2P
<b>Analytics</b>	Region Intrusion / Region Entrance / Region Exiting / Target Counting by Line Crossing, Crowd Density, Heat Map
<b>Smart Alarm</b>	Motion Detection, Sensor Alarm, SD Card Error, SD Card Full, IP Address Conflict, Cable Disconnection
<b>General Functions</b>	Watermark, Video Mask, Heart Beat, Corridor Pattern, Fisheye Dewarping, System Backup
<b>PoE</b>	Yes, IEEE802.3af
<b>Storage</b>	Built-in MicroSD Card Slot, up to 256GB
<b>Ingress Protection</b>	IP67
<b>Power Supply</b>	DC12V/PoE
<b>Power Consumption</b>	<10W
<b>Working Environment</b>	-22°F to 140 °F (-30°C to 60°C), Humidity: 95% or Less (Non-Condensing)
<b>Dimensions, Weight</b>	5.16" x 1.81" (131 x 46mm), 97lbs / 15.52/ 440g (Net), 1.23lbs / 19.75 oz / 560g (Gross)