VTD-TND12FPN

Transcendent Series NDAA Compliant 12 MegaPixel Indoor/Outdoor IP67 Compact IP Vandal 360° Fisheye Camera

KEY FEATURES

- 1/1.7"12.0 MegaPixel CMOS Image Sensor
- Up to 30fps@3000×3000, 30fps@2160×2160
  - Panoramic View: 15fps @ 4000×3000, 3840×2160
- 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
- 3 Year Warranty

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



PROGRAMMABLE ANALYTICS

360° FISHEYE

AN ALL-IN-ONE SECURITY SOLUTION!

The VITEK Transcendent Series NDAA Compliant 12 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.

VT-TJB-F1
Junction Box for Cable Management with VTD-TND12FPN



VT-TWM-F
Wall Mount for VTD-TND12FPN



VT-TPM-F
Pedestal / Pendant Mount for VTD-TND12FPN



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



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



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VTD-TND12FPN

Image Sensor	1/1.7” Progressive Scan CMOS
Max. Resolution	4000×3000
Electronic Shutter	1/3s ~ 1/100000s
Min. Illumination	0.01 lux@F2.0, AGC ON, 0 lux with IR
Lens	Fixed 1.65mm @F2.0, Horizontal Field of View: 180° (Wall Mounting), 360° (Ceiling)
WDR	True WDR 120dB
S/N Ratio	≥50dB
IR Distance	4 Covert Hi Power IRs / Up to 65’ (20M)
Digital NR	XD DNR (3D-DNR / 2D-DNR)
Video Compression	Main Stream: H.265+ / H.265/ H.264+ / H.264, Sub Stream: H.265+ / H.265/ H.264+ / H.264 MJPEG
H.264 Standard	Baseline Profile / Main Profile / High Profile
Main Stream (3 Modes)	1: Fisheye: 20fps@3000×3000 30fps@(2160×2160, 1920×1920,1440×1440, 960×960), Panoramic: 15fps@(4000×3000, 3840×2160), 3PTZ: 15fps (1280×720) * 3 2: Fisheye + 4 PTZ: 30fps@(3000×3000,2160×2160, 1920×1920, 1440×1440, 960×960) 4PTZ: 15fps@(1280×720) * 4 3: Fisheye: 30fps@(3000×3000,2160×2160, 1920×1920, 1440×1440, 960×960), 4PTZ Fusion View: 20fps@2560×1440
Sub Stream	Fisheye View: 30fps@1920×1920, 960×960, 480×480
Bit Rate / Type	128Kbps ~ 16Mbps / VBR/CBR
Audio / Compression	2 CH Built-in MIC, 1 CH Audio Input, 1 CH Audio Output* / G711A, G711U (2-way Audio Only with Amplified Speaker)
Image Settings	ROI, Sat., Brightness, Hue, Contrast, WDR, Sharpness, Image Flip / Mirror, NR (Adjustable through Client Software / Browser)
ROI	8 ROI, Each ROI to be Configured Separately
Network	1 CH RJ45 10M / 100M Self-Adaptive Ethernet Port
Video Output	CVBS (BNC ×1)
RS-485	Yes, Half-Duplex
Other Features	Backlight Correction, Highlight Correction Reset
Alarm	1 CH alarm input, 1 CH alarm output
Remote Monitoring	Web Browser / Transcendent VMS / NVR / Mobile App
Web Browser	IE11(plug-in required) / Chrome 89.0+ / Edge 89.0+ / Firefox 87.0+ / Safari 14.0+
Online Connection	Support Simultaneous Monitoring for up to 6 Users
Network Protocol	Support Multi-stream Real Time Transmission
Interface Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RT(C/M)P, SNMP, PPPoE, DDNS, 802.1x, SMTP, FTP, UPnP, HTTP/S/POST, QoS, P2P
Analytics	Region Intrusion / Region Entrance / Region Exiting / Target Counting by Line Crossing, Crowd Density, Heat Map
Smart Alarm	Motion Detection, Sensor Alarm, SD Card Error, SD Card Full, IP Address Conflict, Cable Disconnection
General Functions	Watermark, Video Mask, Heart Beat, Corridor Pattern, Fisheye Dewarping, System Backup
PoE	Yes, IEEE802.3af
Storage	Built-in MicroSD Card Slot, up to 256GB
Ingress Protection	IP67
Power Supply	DC12V/PoE
Power Consumption	<10W
Working Environment	-22°F to 140 °F (-30°C to 60°C), Humidity: 95% or Less (Non-Condensing)
Dimensions, Weight	5.16” x 1.81” (131 x 46mm), 97lbs / 15.52/ 440g (Net), 1.23lbs / 19.75 oz / 560g (Gross)

Research applicable local, state, and federal laws regarding the use of audio surveillance.