VT-TPTZ32HAN-8PS

High-Speed 8 MegaPixel (4K) PTZ with 32x Optical Zoom and Programmable PLUS Analytics & Auto Tracking

VITEK INDUSTRIAL VIDEO PRODUCTS, INC.

KEY FEATURES

- 8 MegaPixel (4K) Sony STARVIS® Progressive Scan CMOS delivers ultra-sharp video at up to 30fps with exceptional low-light performance
- 4.8–154mm Motorized Lens with powerful 32x Optical Zoom for long-range coverage and detail
- Long-Range IR Illumination up to 650' with Smart IR for nighttime surveillance
- High-Speed PTZ Operation with 360° Endless Pan, fast preset speeds, and smooth proportional zoom
- True Day/Night operation with removable IR-cut filter for consistent performance in all lighting conditions
- Programmable PLUS Analytics: Face AI (Detection, Recognition, and Comparison), Human/Vehicle Classification, Tripwire (Bi-Directional), Intrusion Detection, and Region Entrance/Exit Detection.
- A.I.-Powered Smart PTZ Tracking automatically detects and follows human or vehicle targets in real time
- True 120dB WDR and Advanced Image Controls deliver clear, balanced images in challenging lighting environments
- 360 Presets, 8 Cruises (up to 16 Presets per Cruise), and advanced PTZ control functions
- Local microSD Recording up to 256GB for onboard video storage and redundancy
- 1 Audio Input / 1 Audio Output and 1 Alarm Input / 1 Alarm Output support event-triggered integrations*
- ONVIF G, S, T Compliant for seamless integration with a Variety of Platforms
- IP67 weatherproof and IK10 vandal-resistant housing for demanding outdoor installations
- Multiple Power Options – PoE++ (802.3bt), AC 24V, or DC 24V
- NDAA Compliant

TRANSCENDENT VITEK



PROGRAMMABLE+ ANALYTICS PLUS | AUTO-ZOOM TRACKING PTZ | STARLIGHT TECHNOLOGY | SONY STARVIS | FACE A.I.

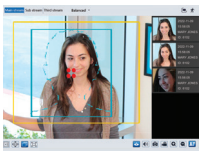
TRANSCENDENT | NETWORK | HIGH-SPEED PTZ CAMERA | 4K 8 MEGAPIXEL | SMART IR | 32X OPTICAL ZOOM | PROGRAMMABLE+ ANALYTICS

HIGH-SPEED SMART PTZ WITH PROGRAMMABLE PLUS ANALYTICS

The VITEK VT-TPTZ32HAN-8PS Transcendent IP PTZ Camera delivers 8 MegaPixel (4K) resolution with powerful long-range performance, featuring a 32× motorized optical zoom lens and high-speed PTZ operation for precise coverage of large areas. Powered by Programmable PLUS Analytics and A.I.-driven Smart PTZ Tracking, the camera intelligently detects, classifies, and follows human or vehicle targets in real time. Designed for demanding outdoor environments, the VT-TPTZ32HAN-8PS combines long-range IR illumination, rugged IP67/IK10 protection, flexible power options, and onboard edge storage to provide a reliable, professional-grade surveillance solution for commercial, industrial, and critical infrastructure applications.

Download on the App Store | ANDROID APP ON Google play | ONVIF | NDAA COMPLIANT

TRANSCENDENT PROGRAMMABLE+ ANALYTICS DELIVERS ADVANCED A.I. TECHNOLOGY:



AI FACIAL RECOGNITION
Face AI delivers face Detection, Recognition, and Comparison



TARGET COUNTING
People, Vehicles, and Motor/Bicycles



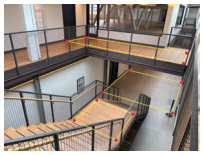
LINE CROSSING
Track People/Vehicles as Entering or Exiting Designated Areas



AUTO-ZOOM TRACKING
AI-powered hands-free tracking for dynamic real-time surveillance



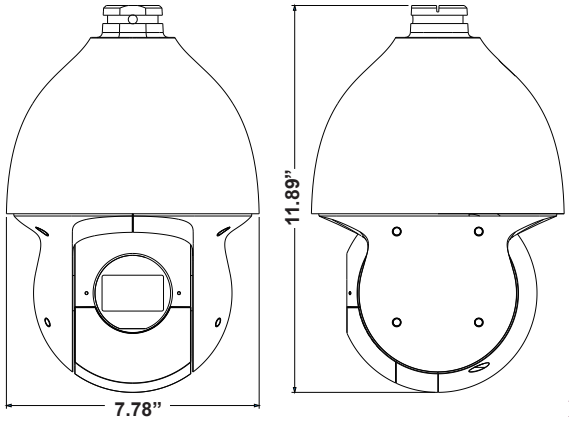
OBJECT TRACKING
Track Objects Removed or Abandoned in Secure Areas



AREA TRACKING
Fully Programmable Regional Intrusion Detection

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

DIMENSIONS



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VT-TPTZ32HAN-8PS

SPECIFICATIONS

Image Sensor	1/2.8" Sony STARVIS® STARLIGHT Progressive Scan CMOS (Sony IMX715)
Resolution	8MP (3840 × 2160)
Min. Illumination	Color: 0.01 Lux @ F1.3 (AGC On); B/W: 0.002 Lux @ F1.3 (AGC On); 0 Lux with IR
Image Setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client
Shutter Speed	1/30s – 1/30,000s
White Balance	Auto/Manual/Indoor/Outdoor
Day / Night	Auto / Manual + Schedule
Gain Control	Auto / Manual
Iris Control	Auto / Manual
SNR	≥52dB
DNR	XD-DNR (3D-DNR / 2D-DNR) - Auto/Manual
WDR	True WDR (120dB)
IR Type / Distance	Smart IR - Up to 650' IR Range (200M)
Smart IR	Yes
Image Enhancement	Backlight Compensation (BLC), Highlight Compensation (HLC)
Privacy Mask	4 Areas, up to 4 Masks in a Single Frame
Overlay Features	Logo picture could be overlaid on video with 128x128pixels,24bits format
Lens / Focal Length	4.8-154mm Lens (32x Optical Zoom)
Zoom Speed	Approx. 4.6s (Optical Zoom, Wide Tele)
Field of View (FOV)	Horizontal: 61.3° ~2.18°; Vertical: 36.9° ~ 1.22°; Diagonal: 68.4° ~ 2.5° (wide-tele) ±5%
Working Distance	Wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range / Type	F1.3~F4.8(W-T)
Iris Type	DC-IRIS(Hall sensor, 16 Stops)
IR Cut type	Removable IR Cut filter
D.O.R.I. (US)	Detect: 8126.6', Observe 3250.7', Recognize 1625.3', Identify 812.7'
Pan Range / Speed	360° Endless, Configurable from .1°/s ~ 360°/s; Preset speed: 330°/s
Tilt Range / Speed	-25°~155° [Auto-Flip at 90°] / Configurable, from 0.1/s~210°/s, Preset speed: 180°/s
PTZ Features	Proportional Zoom, Pwr-Off Memory, 3D Position, PTZ Position Display
Preset / Cruise	360 / 8 Cruises, Up to 16 Presets for Each Cruise
Tracks	4 tracks, record time over 3 minutes for each track
Scheduled Tasks	Preset / Cruise / Track / Random Scan / Boundary Scanning / Dome Reboot
Max Resolution	3840 × 2160
Main Stream	60Hz: 30fps:3840 × 2160,2560 × 1440,1920 × 1080,1280 × 960,1280 × 720

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SPECIFICATIONS

Sub Stream	60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Compression Standards	H.265: HEVC Codec MP, Level 5.0, H.264: AVC codec BP/MP/HP, Level 5.1
Video Bit Rate	64Kbps to 16Mbps
Audio Compression / Bit Rate	G.711A/U / 64Kbps
Smart Auto Tracking	Auto Tracking (supports tracking specified target types such as human and vehicle), Manual Tracking
Basic Event Detection	Motion detection, Video Tampering, Exception (Network Disconnected, IP Address Conflict, SD Card Full / Error)
Smart Event Detection	Trip Wire (+ Bi-Directional), Intrusion / Line Crossing / Region Entering + Exiting, Support Alarm Triggering by Specified Target Types (Human / Vehicle), Un-attended Baggage, Object Removal, Auto / Manual Smart Tracking
Programmable Analytics PLUS	Face Detection (15 Faces Simultaneously), Detect, Track, Capture + Vehicle / Non Vehicle Detection & Tracking
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE
Audio Interface	1 audio input, line level, 2.0-2.4Vpp, impedance 1KΩ; 1 audio output, line level, impedance,600Ω
Alarm Interface	1 Alarm input (Dry contact); 1 Alarm output
Alarm Linkage	Alarm Actions, Including Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory, Card, Send Email
Live View Connections	Up to 6 Simultaneous Live View Connections
User/Host	Up to 16 users, 3 levels: Administrator, Advanced and Normal Users
Security Measures	User Authentication (ID and PW), Host authentication (MAC address); HTTPS encryption., IEEE802.1x port-based net account control; IP address filtering
Web Browser	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free
API	ONVIF G, S, T Compliant, Third-Party Integration
CVBS (BNC), RS485	NA
On-Board Storage	Built-in microSD/SDHC/SDXC card slot, up to 256GB
Network Interface	1 RJ45 10M/100M Adaptive Ethernet; Support PoE++
Thermal / Weather Management	Internal Heater and Fan + Quick Spin Water Removal
Reset Button	YES
Working Environment	-40°F to 149°F (-40°C to 65°C)
Cold Start	-22F / - 30°C (30 Minutes Waiting Time), 90% RH
Weather / Impact / Protection	IP67 + IK10 (Excl. Glass Window), 6000V (Lightning, Surge, and Voltage Transient Protection)
Power Options	PoE++ (802.3bt, Class 6), AC 24V, DC 24V
Dimensions	Ø7.78" × 11.89" (197 × 302mm)
Weight	Approx. 6.22 lb (2.82 kg)

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

VT-TPTZ32HAN-8PS

OPTIONAL MOUNTS & ACCESSORIES



VT-TPT20HR-PM
Optional Pendant Mount for Large Transcendant PTZ



VT-TPT25HR-WMG
Optional Wall Mount for Large Transcendant PTZ



VT-TPPMT
Parapet Mount for Large Transcendent PTZ Cameras



VT-TPLMT-W
Transcendent Universal Pole Mount Adapter (reqs. VT-TPT25HR-WMG)



VT-TCNMT-W
Transcendent Universal Corner Mount Adapter (reqs. VT-TPT25HR-WMG)





VT-POE95
95 Watt POE Mid-Span Injector, 4-Pair Compliant



Pair With Transcendent IP NVRs, HDA DVRs, Bridge or Spire Series Recorders!

Pair with one of several VITEK Transcendent Series Network or Digital Recorders offering a Myriad of Advanced Analytic Functions and Applications! See www.vitekcctv.com for More!

BREAKDOWN OF MODEL NUMBERS: EXAMPLE: VT-TPTZ32HAN-8PS

[VT]	[T]	[PTZ]	[32]	[H]	[A]	[N]	[8]	[P]	[S]
VITEK	*TRANSCENDENT*	*Pan Tilt Zoom*	*32X Optical Zoom*	*High Speed*	*Auto Zoom Tracking*	*NDAA Compliant*	*8 MegaPixel*	*POE*	*Supreme*