

## VT-TPTZ20HR-2PNS

Transcendent Series 2MP 1/2.8" 20x PoE+ IP Speed Dome Camera



VITEKCCTV.COM  
(888) VITEK-70



### OVERVIEW

Boasting high performance Pan / Tilt / Zoom capabilities, the all new Transcendent VT-TPTZ combines a wide range monitoring view with precise and accurately rendered detail. This 2MP (1920 x 1080) also boasts H.265 Compression, Smart IR to reduce over-exposure, and Smart Thermal Management (built-in temperature sensor).

### KEY FEATURES

- 1/2.8" 2 MegaPixel Sony STARVIS® CMOS Progressive Scan Sensor
- Superior Image Quality via High MTF 20x Zoom Lens and STARVIS® to Capture Vivid Color Images in Low Light Conditions, Avoiding Bright Object Smear
- Max 30fps @ 2MP
- True WDR (Wide Dynamic Range), Using Two Frames in One, Combining Long and Short Exposure Frames
- H.265 / H.264 / MJPEG
- High Efficiency Video Coding (H.265, ITU-T VCEG), Offering Double the Data Compression Ratio of Older Compression Formats, as well as Improved Pattern Comparison, and Sample-Adaptive Offset Filtering.
- Smart IR (2.0) with up to 500 foot IR Range
- Smart IR Lighting Sub-System, Improves Uniformity of Illumination Above 0.5 and Reduces Over-Exposure in Most Conditions with Self Adaptive IR Brightness Control
- 5.5-110mm Focal Length, 20x Optical Zoom Lens
- Zoom Speed Approximately 3.5s (Optical Lens, Wide-TELE)
- Aperture Range: F1.6 (Wide) to F3.5 (TELE)
- Day / Night w/ IR Cut Filter
- Smart Thermal Management (1.0), with a Built-In Temperature Sensor, Highly Efficient Turbo Fan, and High Power Heater, Ensuring Full Functionality within Ideal Temperature Conditions
- Built-in Micro SD Card Slot, Supporting Local Recording up to 128GB
- 360° Endless Pan Range, and Pan Speed from 0.1°/s to 80°/s
- ONVIF Compliant with Zero Configuration
- 12VDC @ 3amps / PoE+ (20 watts)
- IP 66 Ingress Protection
- 3-Year Warranty

### SPECIFICATIONS

Image Sensor	1/2.8" 2 MegaPixel Sony STARVIS® CMOS Sensor
Min. Illumination	Color: .006 lux@F1.6, AGC B/W: .003lux@F1.6, AGC 0 lux with IR
White Balance	Auto/Manual/ATW (Auto-tracking WB)/Indoor/Outdoor
S/N ratio	>50dB
Gain	Auto/Manual
Shutter Time	50Hz: 1 / 1s ~ 1 / 25,000s; 60Hz: 1 / 1s ~ 1 / 30,000s
Day&Night	IR Cut Filter
Privacy Mask	4 Programmable Privacy Masks
Focus Mode	Auto/Manual
WDR	True WDR, 2 frames in one
Focal Length	5.5-110mm, 20x optical zoom
Zoom Speed	Approx. 3.5s (optical lens, Wide-TELE)
Field of View (Wide-TELE)	Horiz: 52.01°~1.78°, Vert: 29.30°~3.15° Diag: 59.79°~3.62°
Working Distance	Wide:1.0m~INF, Tele: 1.5m~INF
Aperture Range	F1.6 (Wide) ~ F3.5 (TELE)
IR Type / Distance	Smart LASER IR, up to 500'
Pan Range / Speed	360° Endless, Configurable from .1°/s to 80°/s; Preset speed: 80°/s
Tilt Range (Auto-Flip) / Speed	From -5°~90°, Configurable from .1°/s to 80°/s; Preset speed: 80°/s
PTZ Features	Proportional Zoom, Pwr-Off Memory, 3D Position, PTZ Position Display
Preset / Cruise	360 / 8 cruises, Up to 16 Presets for Each Cruises
Track	4 Tracks, Record Time Over 3 Minutes for Each Track
Home Mode	Preset/Cruise/Track/Auto Scan/Random Scan
Scheduled Task	Preset/Cruise/Track/Random Scan/Boundary Scanning
Video Compression	H.265 (Main Profile) / H.264 (Baseline, Main, High Profile) / MJPEG
Video Bit Rate / Support SVC	128Kbps ~ 6Mbps / Yes
Basic Event	Motion Detection, Video Tampering Detection, Exception
Max. Res., Main Stream	1920x1080
Main Stream	50Hz:25fps(1920x1080, 1280x720) 60Hz:30fps(1920x1080,1280x720)
Sub Stream	50Hz:25fps(1280x720, D1, CIF) 60Hz:30fps(1280x720, D1, CIF)
Third Stream	50Hz:25fps(D1, 480x240, CIF) 60Hz:30fps(D1, 480x240, CIF)
Image Enhancement	WDR/HLC/BLC/3D DNR/Defog
Network Storage	Built-in micro SD card slot, up to 128GB
Protocols	HTTP/S, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
API	ONVIF, Third-Party Management Platform
Simult. Live View	Up to 6 Users
User/Host	Up to 16 users, 3 levels: Administrator, Advanced and Normal Users User Authentication (ID and PW), Host authentication (MAC address);
Security Measures	HTTPS encryp., IEEE802.1x port-based net acc. cntrl; IP add. filtering
Web Browser	IE8-11, Chrome 31.0 to 44, Firefox 30.0 to 51
Network Interface	1 RJ45 10M/100M Ethernet, PoE (802.3at)
Power	12VDC** @ 3amps / PoE+ (20 watts)
Working Environment	-22°F~131°F (-30°C~55°C), ≤ 90% RH
Weather Rating	IP 66
Protection Level	TVS4000V Lightning, Surge, Voltage Transient Protection
Dimensions and Weight	6.8" × 9.7"(173mm × 247mm), Approx. 4.63lb (2.1kg)

\*\*Power Supply Included

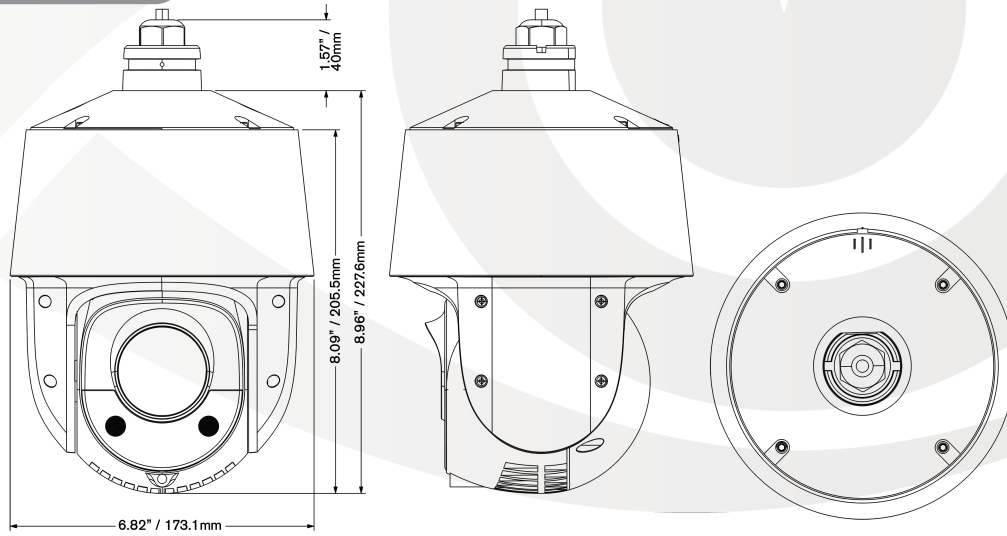
\*Sony STARVIS® is a registered trademark of the Sony Company

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### DIMENSIONS



### ACCESSORIES

VT-TPT20HR-FM



Semi-Flush Ceiling Mount for VT-TPTZ20HR

VT-TPT20HR-WM



Wall Mount for VT-TPTZ20HR

VT-TPT20HR-PM



Pendent/Ceiling Mount for VT-TPTZ20HR

VT-TPLMT

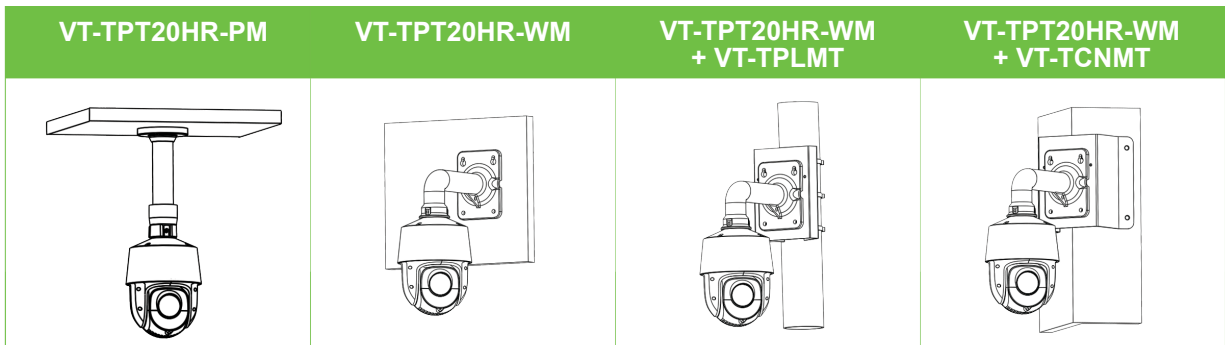


Transcendent Pole Mount Adapter

VT-TCNMT



Transcendent Corner Adapter



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

Transcendent IP NVRs available in 4, 8, 16, 32, 64 and 128 Channels, and HDA DVRs in 4, 8, 16, 32 Channels

**An Eye On Innovation**