

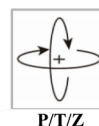


HP-97MPTZ40PE-AIFR

Palm-sized 4MP 3x IR Dome PTZ Camera

Product Features

- * Up to 2688x1520 resolution
- * Mini illumination: Color: 0.02 lux @ (F1.6 AGC ON)
- * 3X optical zoom, fast and accurate
- * Pan 80°/S, Tilt 80°/S
- * Smart IR & Built-in Mics
- * Smart H.265+/H.265/H.264+/H.264
- * AI-based face, human, vehicle detection and recognition
- * Smart-tracking, perimeter precaution, line crossing, etc.
- * Micro SD card chamber, Reset button, Alarm in/out
- * PoE and DC12V power supply, easy connection
- * IP67, IK10
- * ONVIF, API, SDK, IE/NVR/VMS/free mobile Apps





Specifications

Model	HP-97MPTZ40PE-AIFR
Image sensor	1/2.7" progressive scan CMOS with BSI and NIR+ technology
Max Resolution	2688x1520(4.08MP)
Mini. Illumination	Color:0.02 Lux @ (F1.6,AGC ON); B/W 0.004 Lux @(F1.6 AGC ON); 0 Lux with IR
Image setting	Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client
Shutter Speed	50Hz: 1/25s~1/25,000s, 60Hz: 1/30s~1/30,000s
White Balance	Auto/Manual/Indoor/Outdoor
Gain / Day & Night / 3D DNR	Auto/Manual
Aperture control	N/A
S/N Ratio	≥52dB
AE Enhancement	BLC, HLC, DWDR (suggest in still mode)
Digital Zoom	8X
Privacy Mask	4 Programmable privacy masks
Picture overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits JPG format
Font overlay	Max 15characters per line, 8lines max, white color or red color
OSD	Time, Date, Device Name, Zoom ratio, Direction (N/S/E/W),PTZ Status, etc.
Lens	
Focus length	f=3.18mm~7.42mm (wide-tele) ±5%, about 3x optical zoom AF lens
Zoom Speed	1 second (Wide->tele)
Field of View	Horizontal: 113.6°(W)~44.3°(T); Vertical :59.6°(W)~24.9°(T); Diagonal:137.4°(W)~50.8°(T); ±5%
Mini View Distance	40cm
Aperture Range	F1.6 ~ F2.7 (wide-tele)±10%
IR Cut filter	Switchable ICR
PTZ	
Pan Range	0~355°
Pan speed	Configurable, from 0.5~80°/s; Preset speed: 80°/s
Tilt Range	From 15° to 90° (auto flip at 90°) , (±1°)
Tilt Speed	Configurable, from 0.5~ 80°/s, Preset speed: 80°/s
Pan/Tilt intervals	Default 300seconds, min 120seconds, max 3600 seconds. Customized per request
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	N/A
Power off memory	Support
Action mode	Preset / Cruise (No trace or scan)
3D Positioning	Support
PTZ Position Display	Support

Schedule Task	Preset/Cruise/Dome reboot
Supplement Light	
IR Distance	Up to 20m, 4pcs 850nm
Smart IR	Yes
Network	
Main stream	25fps:(2688×1520, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720); 30fps:(2688×1520, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720)
Sub stream	25fps: (704 ×576, 640 ×480, 352 ×288) 30fps (704 ×480, 640 ×480, 352 ×240)
Third Stream	25fps: (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×576, 640 ×480, 352 ×288) 30fps (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×480, 640 ×480, 352 ×240)
Video compression	Smart H.265+/H.265/H.264+/H.264/MJPEG
H.264 Encoder	H.264/AVC codec BP/MP/HP, level 5.1
H.265 Encoder	H.265/HEVC codec MP, level 5.0
Video bit rate	H.264: 128kbps~16,384 kbps; H.265: 51 kbps~12,288kbps
Audio Compression	G.711 A/U
Audio bit rate	64Kbps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, P2P
User / Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
API	ONVIF G/S/T, support TVT SDK and third-party management platform
Client	TVT N9000 1.4.7, TVT NVMS 2.0; and the third-party client, free iOS and Android App
Web Browser	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free
Smart Features	
Basic event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error)
Face recognize	(Default off) human face detection, capture and face comparison.
Road traffic	Vehicle detecting and tracking, etc.
Smart Detection	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. More VCA per request.



Specifications

Model	HP-97MPTZ40PE-AIFR
Smart Tracking	Smart tracking of human or vehicle, auto/manual
System Integration	
Audio Interface	1CH audio input, 2 to 2.4v[p-p] 1KΩ ±10%,bare Wire; 1CH audio output (line out), impedance: 600Ω,bare wire
Built-in mic	1-ch mic
Built-in Speaker	N/A
Audio device switch	Default use built-in MIC, manually switch to external
Alarm interface	1CH alarm input (DRY Connection); 1CH alarm output
Alarm Linkage	Alarm actions, such as Preset, Cruise, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.
Network Interface	1 RJ45 10M/100M Adaptive Ethernet (Support PoE)
Storage Slot	Card chamber, support micro SD TF card, up to 256GB
Serial interface	No RS485/RS232
Auxiliary video	N/A
Reset button	Yes
Heat and Fan	N/A
Water removal	Dust and Water-resistant coating for dome cover
General	
Languages	Czech; English, German; Hungarian ; Italian ; Japanese ; Korean ; Portuguese, Polish; Russian, Romanian, Spanish; Spanish(Mexico); Simplified Chinese; Turkish; Traditional Chinese. etc.
Power	DC12V±20% 2000mA or PoE(802.3.af). avg 7Watt; max 12Watt (IR + PTZ working)
Working condition	-30°C ~ 60°C (-22°F ~ 140°F) IR off, -30°C ~ 40°C IR on; Cold start ≥- 20°C(1Hour waiting), ≤90%RH
Storage condition	-40°C ~ 60°C ; ≤ 95% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Shield Material	Main body: Aluminum Alloy(ADC12); Bubble: Polycarbonate
Dim& Net weights	∅ 116mm x 75mmH (∅ 4.56' x 2.95') Approx. 463g(1 lb.)
Certification	IP67,IK10(include lens bubble), ROHS,CE,FC,UKCA,KC,BIS

Dimensions

