



motorola

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MTIPH302664

4-inch 2MP 25x Starlight Smart Tracking IP PTZ PoE+

General characteristics:

1/2.8" CMOS STARLIGHT sensor with BSI and NIR++

2MP High Definition Resolution at 30fps

H.265/H.264+/H.264 High Efficiency Video Coding

300m Infrared night view distance with Smart IR Technology

PoE+ (802.3.at, class 4) (DC12V adapter sold separately)

128dB HDR

Optical 25x zoom

Intelligent Analytics, recognizes up to 17 objects/faces per scene, categorizes humans and vehicles, line crossing, region intrusion, region exit, smart detection and perimeter protection

Supports 3D DNR, HLC, BLC

Built-in memory card slot, support microSD, up to 256G

IP66 Ingress Protection

ONVIF Profile S, Profile G and Profile T supported

6000V Lightning Protection, Surge Protection and Voltage Transient Protection

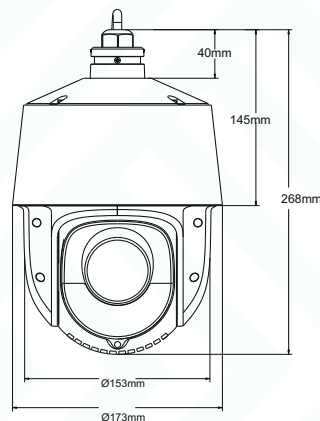
IK10 housing excluding glass window

Recommended installation height: 5-15 meters

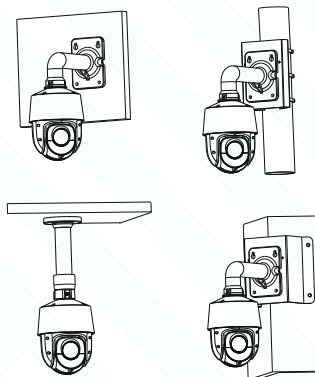
Model: MTIPH302664

Camera	
Camera Type	4" PTZ
Image Sensor	1/2.8" CMOS STARLIGHT, with BSI and NIR++
Minimum Illumination	Color: 0.00125 lux @ F1.6, AGC ON B/W 0.00025 lux @ F1.6, AGC ON 0 lux with IR
White Balance	Auto / Manual / Indoor / Outdoor
S/N Ratio	More than 52dB
Gain	Auto / Manual
Electronic Shutter Speed	NTSC 60Hz: 1/30s ~ 1/30,000s PAL: 50Hz: 1/25s ~ 1/25,000s
Privacy Masking	Max. 4 Areas
Focus Mode	Auto / Manual
Lens	
Focal Length	4.8mm ~ 120mm, 25x Optical Zoom / 16x Digital Zoom
Zoom Speed	Approx. 2.4s (optical lens, Wide-TELE)
Field of View	Horizontal field of view: 54° to 4° (Wide-TELE) Vertical field of view: 33° to 1.4° (Wide-TELE) Diagonal field of view: 61.5° to 2.8° (Wide-TELE)
Working Distance	Wide: 1.0m ~ INF Tele: 1.5m ~ INF
Aperture Range	F1.6 maximum
IR	
IR Distance	300m
Smart IR	Support
PTZ	
Pan Range	360° endless
Pan Speed	Configurable, from 0.1°/s to 200°/s; Preset speed: 200°/s
Tilt Range	From -10° to 90°
Tilt Speed	Configurable, from 0.1°/s to 200°/s; Preset speed: 200°/s
Preset	360
Cruise	8 cruises, up to 16 presets for each cruise
Track	4 traces, record time over 3 minutes for each track
Action Mode	Preset / Cruise / Track / Auto Scan / Random Scan
3D Positioning	Yes
PTZ Position Display	Yes
Scheduled Task	Preset / Cruise / Track / Random Scan / Boundary Scanning / Dome Reboot
Video	
Resolution	1080P (1920 x 1080), 720P (1280 x 720)
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Image System	NTSC / PAL
Frame Rate	Main Stream: NTSC 60Hz: 1920 × 1080, 1280 × 960, 1280 × 720 30fps PAL 50Hz: 1920 × 1080, 1280 × 960, 1280 × 720 25fps
	Sub Stream: NTSC 60Hz: (704 × 480, 640 × 480, 352 × 240) 30fps PAL 50Hz: (704 × 480, 640 × 480, 352 × 240) 25fps
	Third Stream: NTSC 60Hz: 1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 352 × 240 30fps PAL 50Hz: 1080P / 720 25fps
Stream Capability	3 Streams
SVC	Yes
BLC	Yes
HLC	Yes
HDR	128dB
Lens water removal	Quick spinning
AGC	Yes
Noise Reduction	3D DNR
Day/Night	Auto IR Cut Filter
Audio Compression	G.711 A/U
Software & Network	
Remote Monitoring	IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free
Management Software	MVMS Lite, Standard, Professional
Mobile APP	iOS, Android
Online Connection	Support simultaneous monitoring for up to 16 users; Support multi-stream real time transmission
CE Conformance	EN 55032:2015 Class B, EN 55032:2017, EN IEC 61000-3-2:2019, EN 61000-3-3:2013
Protocol	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
Interoperability	ONVIF (Profile S / Profile G / Profile T), supports P2P
Bandwidth Self-adaptation	Yes

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Mounting Accessories:



Interfaces	
Video Output (CVBS)	No
Audio In/Out	Yes, 1 input w/impedance 1KΩ / 1 output w/impedance 600Ω
Alarm In/Out	Yes, 1 input / 1 output
Built in Heater and fan	Yes
RS485	No
Hardware Reset	Yes
MemoryCard Slot	Yes, microSD/ up to 256G
Ingress Protection	IP66
Network	RJ45 10/100 Mbps
Functions	
Additional Protection	TVS6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Smart Alarm	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error) , defocus detection
Smart Tracking	Manual Tracking, Auto Tracking (human or vehicle by software setting)
Intelligent Analytics	Intrusion, Line crossing, Region entrance, Region exiting, Unattended object, Object removal, Scene change, Alarm triggering by human or vehicle, filtering flag/animal.
General function	Watermark, IP address filtering, video mask, heartbeat, password protection
Face Detection	TBD
Others	
Power Supply	PoE+ (802.3.at, class 4), Adapter: DC 12V not included
Power Consumption	Max 22W (IR on, Heater on, Fan working)
Operating Environment	-40°C ~ 65°C / Cold start at -30°C Humidity: less than 90% (non condensing)
Material	Aluminum Alloy;PC+GF10%
Dimensions (mm)	Φ 173mm × 247mm (6.8" Φ × 9.7")
Weight (net)	Approx. 2.1 kg

DORI	Detect (human behaviours)	Observe (Court level evidence)	Recognize (face ID, CPL)	Identify (human and face)
Define	25 Pixels /meter	63 Pixels/meter	125 Pixels/meter	250 Pixels/meter
Distance	1,515m	600m	300m	150m