4.0 Megapixel IP PTZ Camera, 33X Optical Zoom, 200m IR Distance, 2688 x 1520p, Ultra H.265, WDR 130dB, Behavior Detection + Analytics, IP67, IK10

4MP	**H.265**	(lens)	(IR)	**WDR**	(analytics)	(microSD)	(PoE)
2688 x 1520p Resolution	H.265 Video Compression	4.5-148.5mm Motorized Lens	SMD LEDs 200M	Wide Dynamic Range 130dB	Behavior Detection + Analytics	MicroSD up to 256GB	PoE 12V DC / 24V AC

Product information

See every detail with 4 Megapixel quality. The high-resolution 1/2.8 CMOS sensor captures crisp, detail-packed 2K video images (maximum resolution 2680 x 1520), even in low light. Optimized for critical outdoor surveillance applications, with superb image quality and advanced analytics, industry-leading pan speed and weather / vandal resistance. The IP-T4543IR-PTZ is a high-performance rapid dome network camera that's ideal for wide-area surveillance in challenging environments – from airports, stadiums and urban areas to malls and perimeters. IP-T4543IR-PTZ allows continuous 360° PTZ operation, with fast pan speed of 240°/s letting an operator quickly recall preset areas of interest in a single, seamless motion. A powerful 33x optical zoom offers wide area coverage, plus the ability to grab detailed close-ups without losing clarity. Ideal for use in outdoor areas, the camera is IK10-rated for vandal resistance and IP66-rated against ingress by water and dust.

IP-T4543IR-PTZ

- 1/2.8" progressive scan CMOS-Sensor
- 4.0 Megapixel resolution: 2688 x 1520p
- Ultra H.265 / H.264 Image Compression Method
- 4.5~148.5mm D/N (IR) Megapixel lens, 33X optical Zoom
- SMD LEDs - up to 200m Night Vision
- Wide Dynamic Range 130dB, Tripple streams
- Behavior Detection + Analytics, People Counting
- Region of Interest, Object Moving / Left Detection
- Bandwidth control, Two-way Audio, 24x Privacy Zones
- 360° Pan Range, 240° Pan Speed, 160° Tilt Speed
- microSD up to 256GB, Audio IO 1/1, Alarm IO 2/1
- Weatherproof IP66 housing, IK10
- 12V DC / 24V AC and Power over Ethernet (max. 54 Watt)

Specifications

Image Sensor	1/2.8" progressive scan CMOS
Maximum Resolution	4.0MP (16:10)
Active Pixel	2688 (H) x 1520 (V)
Minimum Illumination	Color: 0.003Lux (F1.5, AGC on), B/W: 0Lux (IR-LEDs on)
Day/Night	IR-cut filter with auto switch (ICR)
Infrared-LEDs	850nm wavelength; Infrared-SMD-LEDs, Smart-IR
Lens	4.5 mm to 148.5 mm (F1.5)
Digital Zoom	16x
Optical Zoom	33x
Iris	Auto; F1.5 ~ F4.0
Lens Type	Remote focus and zoom, Autofocus, Day/Night (IR)
Angle of View (H)	52.40° ~ 2.20°
Angle of View (V)	40.50° ~ 1.70°
Angle of View (O)	64.40° ~ 2.60°
S/N	>52dB
DORI Distance (4.5mm)	Detection: 101m; Observation: 40m; Recognition: 20m; Identification: 10m
DORI Distance (148.5mm)	Detection: 3341m; Observation: 1336m; Recognition: 668m; Identification: 334m
IR Range	Up to 200m IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Ultra Low Light	NightHawk (Advanced IR-Technology)
Shutter	Auto/Manual, 1 ~ 1/100000s
Defog	Digital Defog
WDR	130dB
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps ~ 16 Mbps
Video streams	Triple streams
OSD	Up to 8 OSDs
Electronic Image Stabilization (EIS)	Supported
Privacy Mask	Up to 24 areas, up to 4 areas per scene
ROI	Up to 8 areas
Mation Detection	Up to 4 areas
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC / BLC	Supported
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Smart Behavior Detection	Line crossing detection, Intrusion detection, Auto tracking, Master-slave Linkage
Exception Detection And Statistics	Object Moving, Object Left
Recognition	Face detection, Audio detection, Motion detection
Statistical Analysis	People counting
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio Compression	G.711
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User / Host	Up to 32 users. 2 user levels: administrator and common user

Specifications

Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 240°/s; Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 160°/s; Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, Route patrol, Recorded patrol
Home Position	Support
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	RS485
Built-in Mic / Built-in Speaker	N/A
WIFI	N/A
Network	RJ45 10M/100M Base-TX Ethernet
Certification EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Certification Safety	IEC 62368-1 EN 62368-1 UL 60950-1
Certification Environment	CE-ROHS (2011/65/EU;(EU)2015/863) WEEE (2012/19/EU) REACH (Regulation (EC) No 1907/2006)
Certification Protection	Ingression protection: IP66 (IEC 60529-2013)
Reset Button	Support
Surge Protection	6KV
Vandal Resistant	IK10
Ingress Protection	IP66
Operating Temperature / Humidity	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Power Consumption	Max. 54W
Input Voltage	12V DC / 24V AC or High PoE (IEEE 802.3bt compatible)
Dimensions (Ø x H)	227 x 359.40 mm
Weight	Appr. 5.60Kg