



TC-H358M Spec:44X/IT/A

5MP 44X Thermal AEW PTZ Camera

Pro Series



KEY FEATURES

- Up to Optical:3072×1728@30fps Thermal: 384×288@30fps
- Optical: Color:0.001lux@ (F1.6,AGC ON),B/W:0lux with IR
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Optical zoom Optical:44X
- IR range up to 300m
- Support microSD/microSDHC/microSDXC card,up to 512GB
- Support smart surveillance, detect up to 32 faces at the same scene
- Support human/vehicle classification
- Operating conditions -40°C~70°C(-40°F~158°F), ≤95%RH
- AC24V±25%\DC36V±25%
- IP66

SPECIFICATIONS

Camera	
Image Sensor	1/1.8"CMOS
Min. Illumination	Optical: Color:0.001lux@ (F1.6,AGC ON),B/W:0lux with IR
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	120dB
Lens	
Focal Length	Optical:6mm~264mm Thermal:50mm
Optical Zoom	Optical:44X
Digital Zoom	Optical:16X
Zoom Speed	<6s
Aperture Range	Optical:F1.6~F5.3
Aperture Type	Optical:Auto(P-Iris)
Field of View	Optical:61.8°~2.3°(H) Thermal:7.5°(H) ; Optical:36.3°~1.3°(V) Thermal:5.6°(V) ; Optical:69°~2.6°(D)
Focus Control	Optical:Auto/Semi-auto/Manual
Close Focus Distance	Optical:100mm~1500mm
DORI Distance	Optical: Detect:2620m Observe:1040m Recognize:524m Identify:262m
Pan&Tilt	
Pan Range	0~360°(P)
Pan Speed	Manual Speed:0.1°~200°/s Preset Speed:240°/s
Tilt Range	-21°~90°(T) (Default -13°~90°(T))
Tilt Speed	Manual Speed:0.1°~120°/s Preset:180°/s
3D Position	Yes
Preset	500
Cruise	16(up to 32 presets per cruise)
Scan	8
Pattern	8,each with 600s memory or 1000 orders
Scheduled Task	Preset,Cruise,Scan,Pattern

North Point	Yes
Power-off Memory	Yes
Preset Freezing	Yes
Illuminator	
IR LEDs	11
IR Distance	Up to 300m
Wavelength	850nm
IR Irradiation Angle	Yes
White LEDs	2
Whitelight Distance	30m
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32Kbps~16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz
Image	
Max. Resolution	Optical:3072×1728@30fps Thermal:384×288@30fps
Main Stream	Optical: PAL:25fps(3072×1728,2560×1440,2304×1296,1920×1080,1280×720) 50fps(2560×1440,2304×1296,1920×1080,1280×720) NTSC:30fps(3072×1728,2560×1440,2304×1296,1920×1080,1280×720) 60fps(2560×1440,2304×1296,1920×1080,1280×720) Thermal: PAL:25fps(384×288) NTSC:30fps(384×288)
Sub Stream	Optical: PAL:25fps(704×576,704×288,352×288,640×360) NTSC:30fps(704×480,704×240,352×240,640×360) Thermal: PAL:25fps(384×288) NTSC:30fps(384×288)
Third Stream	Optical: PAL:25fps(1920×1080,1280×720,704×576,704×288,352×288,640×480) NTSC:30fps(1920×1080,1280×720,704×480,704×240,352×240,640×480) Thermal: PAL:25fps(384×288) NTSC:30fps(384×288)
BLC	Yes
HLC	Yes
AGC	Yes
3DNR	Yes

White Balance	Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance
ROI	Optical:7 Dynamic Areas for Both Main and Sub Stream
EIS	Yes
OSD	5 regions(Each region can have a maximum of 127 characters,up to 5 lines); 16*16/24*24/32*32/48*48/64*64/96*96/128*128/adaptable size; Vector/Lattice
Defog	Yes
Flip	Normal/Inverted Flip
Regional Exposure	Yes
Regional Focus	Yes
Demist	Yes
Privacy Mask	24 regions
Feature	
General Alarm	Optical:Motion Detection Thermal:Motion Detection; Optical:Mask Alarm Thermal:N/A; Alarm Input
Exceptions Alarm	Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Network cable disconnected
Linkage Method	Send Email; Trigger Sound; Trigger Warmlight; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output
Video Analytics	Human/Vehicle Classification; Optical:Tripwire Thermal:Tripwire; Optical:Double Tripwire Thermal:Double Tripwire; Optical:Perimeter Thermal:Perimeter; Optical:Object Abandon Thermal:N/A; Optical:Object Missing Thermal:N/A; Optical:Heatmap Thermal:N/A; Optical:Loitering Thermal:N/A; Optical:Running Thermal:N/A; Optical:N/A Thermal:N/A; Optical:People Counting Thermal:N/A; Optical:Safety Helmet Detection Thermal:N/A; Optical:On Duty Detection Thermal:N/A; Optical:Video Abnormal Thermal:N/A; Audio Abnormal Thermal:N/A; Optical:Crowed Detection Thermal:N/A
Auto Early Warning(AEW)	Yes
Auto-Tracking	Yes
Face Mode	Face Capture
Face Capture Performance	80; 19; ≤120m; Detect up to 32 faces at the same scene; Capture up to 16 faces at the same scene; Capture rate ≥98%(continuous scene with 10 people or less); Gender 70%,age (±5) 70%,mask 70%,glasses 60% (Less than 10 people in view)

Network

ANR	Yes
Protocols	RTSP; HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP v1; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; IPv4; IPv6; PPPoE; Unicast; Multicast; ARP; RTP; FTP
System Compatibility	P2P; ONVIF(Profile S/T/G); SDK; CGI; Milestone; RTSP; HTTP PUSH
Remote Connection	≤7
User/Host	32users, Level 4:Admin/Browse/Browse+Control/Browse+Control+Set
Client	Easy7 VMS
Moblie Client	EasyLive Plus
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+

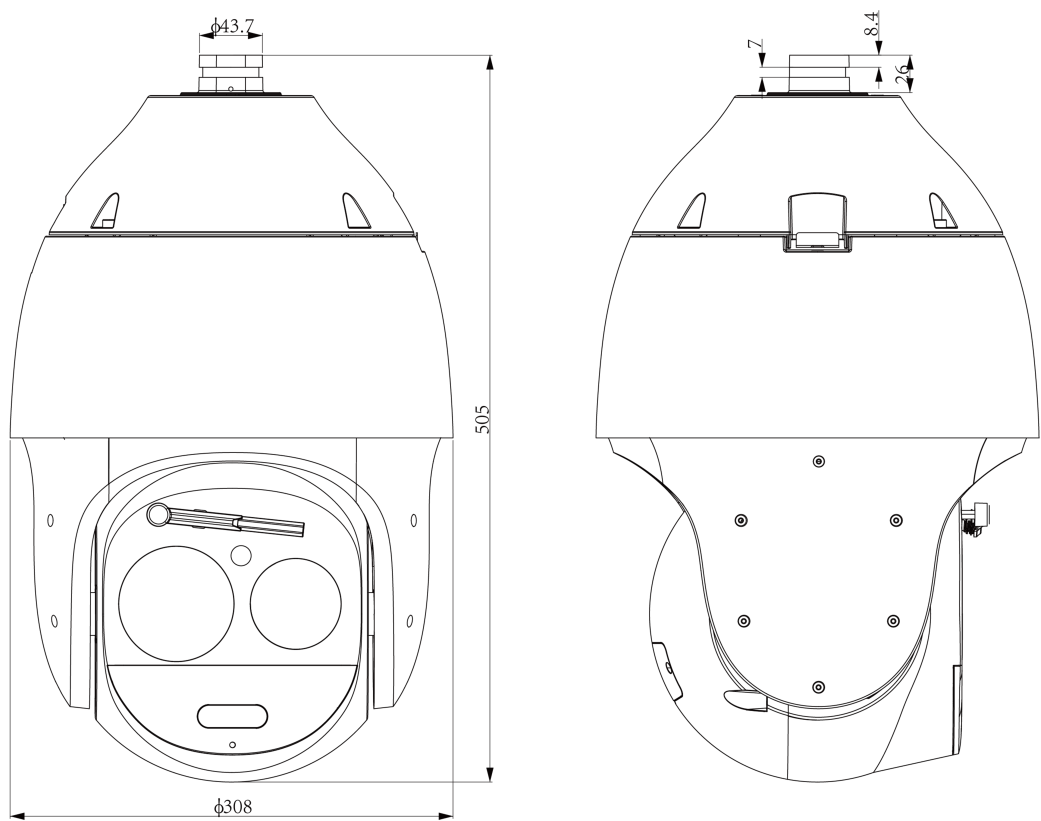
Interface

Communication Interface	2*RJ45 (10/100/1000Base-T)
Audio I/O	1*Input Impedance 1kΩ,2.0~2.4Vp-p; 1*Output Impedance 600Ω
Alarm I/O	8*Switching; 2*Switching,Voltage≤DC24V,Current≤1A
Built-in Speaker	1,4Ω4W
Reset Button	Yes
On-board Storage	Support microSD/microSDHC/microSDXC card,up to 512GB
Additional Interfaces	RS485; BNC
Wiper	Yes
Electronic Compass	Yes
GPS/BDS	Yes

General

Web Client Language	16 languages Simple Chinese/English/Traditional Chinese/Spanish/Italian/ Korean/Turkish/Russian/Thai/ Polish/ French/Dutch/ Hebraism/Vietnamese/Arabic/Farsi
Operating Temperature	-40°C~70°C(-40°F~158°F)
Operating Humidity	≤95%RH
Storage Temperature	-40°C~70°C(-40°F~158°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	AC24V±25%\DC36V±25%
Power Consumption	48W(IR OFF) ; 67W(IR ON)
Protection	Surge4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	308(D)505(H)mm
Package Dimensions	460(L)460(W)720(H)mm
GrossWeight	21.4kg
NetWeight	11.85kg

DIMENSIONS (Unit: mm)



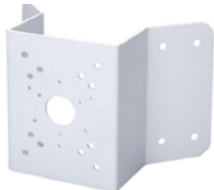
Assembly diagram of Junction Box



DF20Y



TC-P32EM



A35



DF21Y



A36