



TC-H356V Spec:44X/IW/E/A

5MP 44X Color Maker AEW PTZ Camera

Pro Series



KEY FEATURES

- Up to 5MP, 3072×1728@30fps
- Color: 0.0001lux@ (F1.6, AGC ON), B/W: 0lux with IR
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Optical zoom 44X
- IR range up to 200m
- 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%\DC24V±10%, PoE: IEEE 802.3bt
- IP66

SPECIFICATIONS

Camera	
Image Sensor	1/1.8"CMOS
Min. Illumination	Color:0.0001lux@ (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
S/N	40.6dB
Lens	
Focal Length	6mm~264mm
Optical Zoom	44X
Digital Zoom	16X
Zoom Speed	<5s
Aperture Range	F1.6~F5.3
Aperture Type	Auto(P-Iris)
Field of View	59.2~2.5°(H); 34.6°~1.4°(V); 66.7~2.9°(D)
Focus Control	Auto/Semi-auto/Manual
Close Focus Distance	100mm~1000mm
DORI Distance	Detect:2414m Observe:958m Recognize:483m Identify:241m
Pan&Tilt	
Pan Range	0~360°(P)
Pan Speed	Manual Speed:0.1°~180°/s Preset Speed:240°/s
Tilt Range	-16°~90°(T) (Default -3°~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(Manual setting)
Power-off Memory	Yes
Preset Freezing	Yes
Illuminator	
IR LEDs	10
IR Distance	Up to 200m

Wavelength	850nm
IR Irradiation Angle	Yes
White LEDs	4
Whitelight Distance	50m
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	5MP,3072×1728@30fps
Main Stream	PAL:25fps(3072×1728,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720),50fps (1920×1080,1280×960,1280×720) NTSC:30fps(3072×1728,2688×1520,2560×1440,2304×1296,1920×1080,1280×960,1280×720), 60fps(1920×1080,1280×960,1280×720)
Sub Stream	PAL:25fps(704×576,704×288,640×360,352×288) NTSC:30fps(704×480,704×240,640×360,352×240)
Third Stream	PAL:25fps(1920×1080,1280×720,704×576,640×360,704×288,352×288) NTSC:30fps(1920×1080,1280×720,704×480,640×360,704×240,352×240)
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	7 rectangular 3D fixed focus areas,supporting 1 rectangular dynamic tracking ROI
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/adaptable size; Vector/Lattice
Defog	Yes
Flip	Normal/Horizontal Mirror/Vertical Mirror/Inverted Flip
Regional Exposure	Yes
Regional Focus	Yes
Demist	Yes
Privacy Mask	24 regions(Up to 4 blocks in the same scene)
Feature	
General Alarm	Motion Detection; Mask Alarm; Alarm Input
Exceptions Alarm	Disk Full; Disk R/W Error; Recording Exception; 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; Tripwire; Double Tripwire; Perimeter; Object Abandon; Object Missing; Heatmap; Loitering; Running; Parking; People Counting; Safety Helmet Detection; On Duty Detection; Video Abnormal; Audio Abnormal; Crowded Detection
Auto Early Warning(AEW)	Yes
Auto-Tracking	Yes
Face Mode	Face Capture
Face Capture Performance	Best Face Size 60 Pixels; Minimum face size 19 Pixels; Best facial capture distance $\leq 100\text{m}$; Detect up to 32 faces at the same scene; Capture up to 16 faces at the same scene; Capture rate $\geq 99\%$ (continuous scene with 10 people or less); Gender 85%,age (± 5) 85%,mask 90%,glasses 85%,beard 80% (Less than 10 people in view)

Network

ANR	Yes
Protocols	HTTP; HTTPS; UDP; UPnP; ICMP; IGMP; SNMP v1\ v2\ v3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1x; QoS; IPv4; IPv6; PPPoE; SSH; Unicast; Multicast; ARP; RTP; SRTP; FTP; SFTP; RTSP; TCP; SMB; CIFS
System Compatibility	P2P; ONVIF(Profile S/T/G/M); SDK; CGI; Milestone; RTSP; RTMP; RTMP; HTTP PUSH
Remote Connection	≤ 7
User/Host	32users, Level 4:Admin/Browse/Browse+Control/Browse+Control+Set
Client	Easy7 VMS
Mobile Client	EasyLive Plus
Web	IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+

Interface

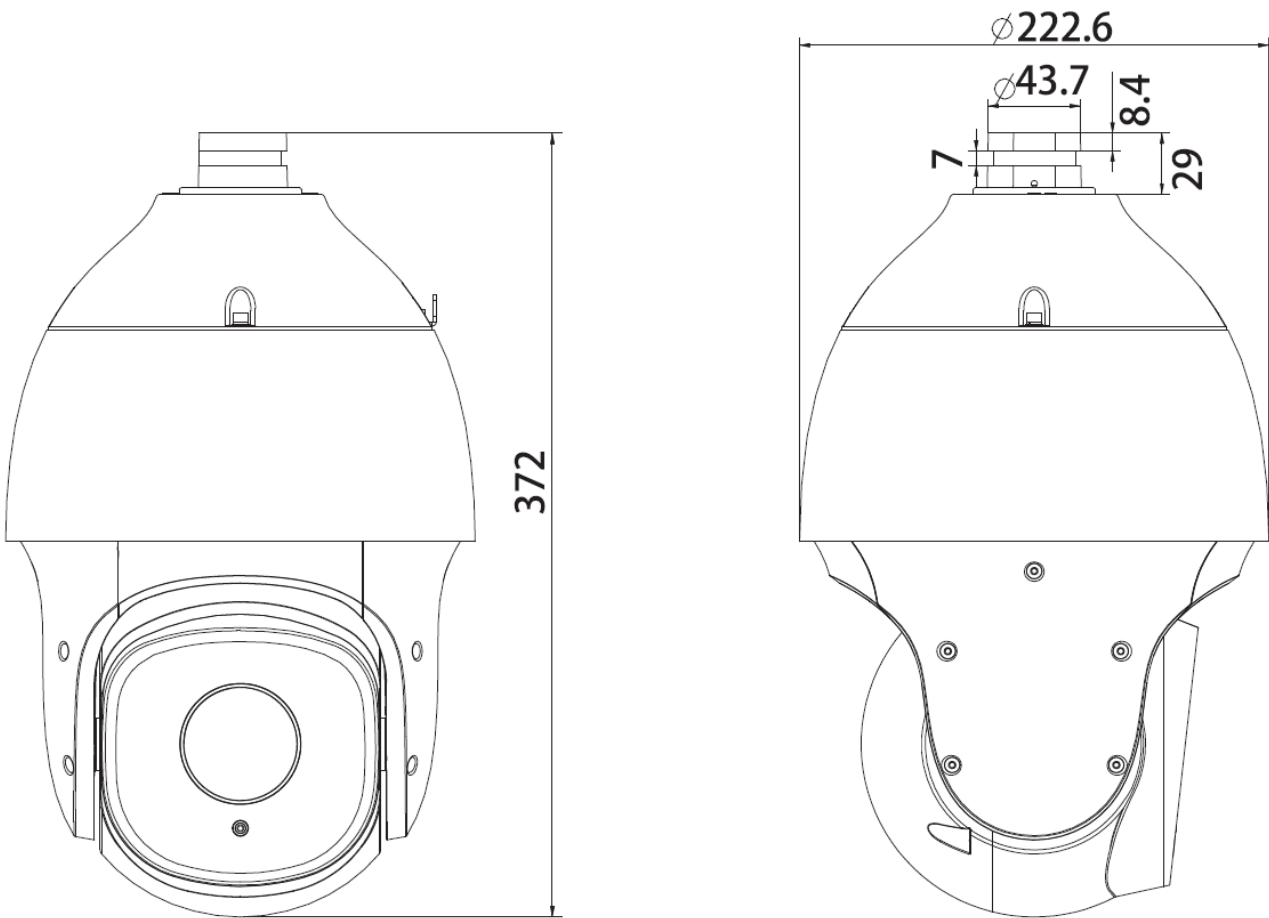
Communication Interface	1×RJ45 (10/100Base-T)
Audio I/O	1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 K Ω , interface type:non-equilibrium; 1×output, two-core, max. output amplitude:3.3 Vpp, output impedance:100 Ω , interface type: non-equilibrium
Alarm I/O	8×input,TTL,3mA,3.3VDC; 2×relay output,1A,24VDC
Built-in Speaker	1×Built-in Loudspeaker, 4 Ω 4W
Reset Button	Yes
On-board Storage	Support microSD/microSDHC/microSDXC card,up to 512GB
Additional Interfaces	RS-485
Wiper	Yes

General

Web Client Language	19 languages Simple Chinese/English/Traditional Chinese/Spanish/Italian/Korean/Turkish/Russian/Thai/Polish/ French/Dutch/Hebraism/Vietnamese/Arabic/German/Ukrainian /Portuguese/Albanian
Operating Temperature	-40°C~70°C(-40°F~158°F)
Operating Humidity	$\leq 95\%$ RH
Storage Temperature	-40°C~70°C(-40°F~158°F)
Storage Humidity	10%~95%RH(non-condensing)
Power Supply	AC24V $\pm 25\%$ \ DC24V $\pm 10\%$; PoE:IEEE 802.3bt
Power Consumption	13.4W; 45W

Protection	Surge4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	222(D)372(H)mm
Package Dimensions	320(L)320(W)520(H)mm
GrossWeight	8.95kg
NetWeight	5.3Kg

DIMENSIONS (Unit: mm)



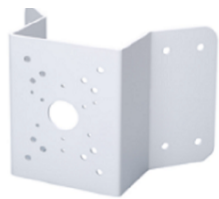
Assembly diagram of Junction Box



DF20Y



TC-P32EM



A35



DF21Y



A36