

TC-A35555 Spec:0/A/2.8-12mm/9-54mm/V2.0

SMP Color Maker AEW PTZ Camera

Pro Series



KEY FEATURES

- Up to Panorama:3072×1728@20fps Detail:3072×1728@20fps
- Panorama:0.0008lux Detail:0.003lux
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Optical zoom Panorama:4X Detail:6X
- Support microSD/microSDHC/microSDXC card, up to 512GB
- Support smart surveillance, detect up to 32 faces at the same scene
- Operating conditions -40°C~70°C(-40°F~158°F), ≤95%RH

- AC24V±25%\DC24V±10%

- IP66



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SPECIFICATIONS

Camera

Image Sensor	Panorama: 1/1.8"
Min. Illumination	0.01Lux
Shutter Time	1s~1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
Smart IR	Yes
WDR	120dB
S/N	43dB

Lens

Focal Length	Panorama: 2.8mm, 10mm
Optical Zoom	36x
Digital Zoom	16x
Zoom Speed	<3s
Aperture Range	F1.8~F16
Aperture Type	Variable
Field of View	Panorama: 114.20°~47.94°(H), 59.36°~27.07°(V), 141.10°~55.09°(D) Detail: 41°~9.1°(H), 22.48°~5.2°(V), 46.78°~10.4°(D)
Focus Control	Panorama: N/A Detail: Auto / Manual
Close Focus Distance	Panorama: 1000mm~3500mm Detail: 1000mm~3500mm

	Panorama:	
	Detect:124m	
	Observe:49m	
DORI Distance	Recognize:25m	
	Identify:12m	
	Detail:	
	Detect:626m	
	Observe:248m	
	Recognize:125m	
Identify:62m		
Pan&Tilt		
Pan Range	Panorama	
	Panorama:	
	Manual Speed:100°/s	
Pan Speed	Preset Speed:100°/s	
	Detail:	
	Manual Speed:180°/s	
	Preset Speed:300°/s	
Tilt Range	Panorama	
	a:0°-30°/m	
	Panorama:	
	Manual Speed:15°/s	
Tilt Speed	Preset Speed:15°/s	
	Detail:	
	Manual Speed:100°/s	
	Preset Speed:150°/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	Present
IR Distance	Present
Wavelength	850nm
IR Irradiation Angle	Present
White LEDs	Present
Whitelight Distance	Present
Red and Blue Alarm Flash	Yes
Laser	Present
Laser Distance	Present
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	Present

Panorama:

PAL:20fps(3072×1728),

25fps(2560×1440,2304×1296,1920×1080,1280×720,640×480,704×576)

Main Stream

NTSC:20fps(3072*1728),

30fps(2560×1440,2304×1296,1920×1080,

1280×720,640×480,704×480) Detail:

PAL:20fps(3072×1728),

25fps(2560×1440,2304×1296,1920×1080,1280×720,640×480,704×576)

NTSC:20fps(3072*1728),

30fps(2560×1440,2304×1296,1920×1080,1280×720,640×480,704×480)

Panorama:

PAL:25fps(704×576,640×360,704×288,352×288)

Sub Stream

NTSC:30fps(704×480,640×360,704×240,

352×240) Detail:

PAL:25fps(704×576,640×360,704×288,352×288)

NTSC:30fps(704×480,640×360,704×240,352×240)

Panorama:

PAL:25fps(

704×576,7

04×288,35

Third Stream

PAL:25fps(704×576,704×288,352×288)

NTSC:30fps(704×480,704×240,352×240)

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 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*16/32*32/64*64/128*128/256*256/512*512/1024*1024

Defog

Yes

Flip

Normal/Inverted Flip

Regional Exposure

Yes

Regional Focus	Yes
Demist	Yes
Privacy Mask	24 regions
Feature	
General Alarm	Panorama:Motion Detection
	Detail:Mask Alarm; 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	Panorama:Human/Vehicle Classification
	Detail:N/A; Panorama:Tripwire
	Detail:N/A; Panorama:Double Tripwire
	Detail:N/A; Panorama:Perimeter
	Detail:N/A; Panorama:Object Abandon
	Detail:N/A; Panorama:Object Missing
	Detail:N/A; Panorama:Heatmap
	Detail:N/A; Panorama:Loitering
	Detail:N/A; Panorama:Running
	Detail:N/A; Panorama:N/A
	Detail:N/A; Panorama:People Counting
	Detail:N/A; Panorama:Safety Helmet Detection
	Detail:N/A; Panorama:On Duty Detection
	Detail:N/A; Panorama:Video Abnormal
	Detail:N/A; Panorama:N/A
	Detail:Audio Abnormal; Panorama:Crowed Detection
	Detail:N/A
Auto Early Warning(AEW)	Yes
Auto-Tracking	Yes
Face Mode	Face Capture
80; 19; ≤30m; Detect up to 32 faces at the same scene; Capture up to 32 faces at the	
Face Capture Performance	same scene; Capture rate ≥95%(continuous scene with 10 70%,age (±5) 70%,mask 70%,glasses 60%(Less than 10 people in view)

Network

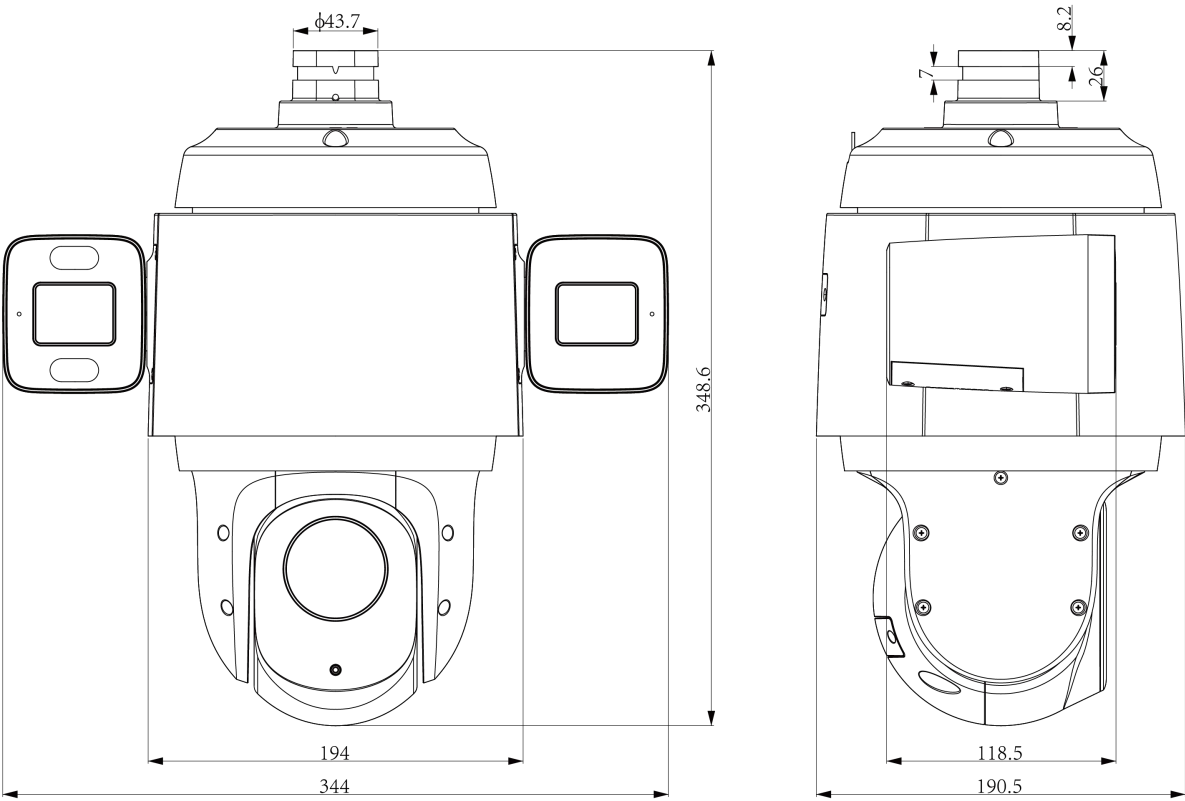
ANR

Yes

Protocols	RTSP; HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP v1; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; RTP; FTP
System Compatibility	P2P; ONVIF(Profile S/T/G); SDK; CGI; RTSP; HTTP PUSH
Remote Connection	≤7
User/Host	32users, Level
Client	4:Admin/Browse/Browse+Control 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	3*Switching; 2*Switching,Voltage≤DC24V,Current≤1A
Built-in Speaker	2,4Ω4W
Reset Button	Yes
On-board Storage	Support microSD/microSDHC/microSDXC card,up to 512GB
Additional Interfaces	RS485
Electronic Compass	Yes
GPS/BDS	Yes
General	
Web Client Language	16 languages Simple Chinese/English/Traditional
	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%\DC24V±10%
Power Consumption	33W(IR OFF) ; 57W(IR ON)
Protection	Surge4000V; ESD6000V; IP66
Material	Metal
Boundary Dimensions	344(L)191(W)350(H)mm
Package Dimensions	600(L)490(W)290(H)mm
GrossWeight	11.05 kg
NetWeight	7.2kg

DIMENSIONS (Unit: mm)



Assembly diagram of Junction Box



DF20Y



TC-P32EM



A35



DF21Y



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