



## TC-C38XQ Spec:I3W/E/Y/2.8mm/V4.2

8MP Fixed Color Maker Turret Camera

Pro Series



### KEY FEATURES

- Metal housing
- Up to 8MP, 3840×2160@20fps
- S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
- Color: 0.002Lux@(F1.6, AGC ON), B/W: 0Lux with IR
- IR range up to 30m
- 1× Built-in Mic, 1× Built-in Loudspeaker
- Support microSD/microSDHC/microSDXC card, up to 512GB
- Support smart surveillance
- Support human/vehicle classification
- Operating conditions -40°C~65°C (-40°F~149°F), ≤95%RH
- DC12V±25%, Max. 7W, PoE: IEEE 802.3af, Max. 8.5W
- IP66



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## SPECIFICATIONS

| Camera               |                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor         | 1/2.8"CMOS                                                                                                                                                              |
| Min. Illumination    | Color:0.002Lux@(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                  | >42dB                                                                                                                                                                   |
| Angle Adjustment     | 0~340°(P); 0~75°(T); 0~360°(R)                                                                                                                                          |
| Lens                 |                                                                                                                                                                         |
| Lens Type            | Fixed focal lens                                                                                                                                                        |
| Focal Length         | 2.8mm                                                                                                                                                                   |
| Lens Mount           | M12                                                                                                                                                                     |
| Aperture Range       | F1.6                                                                                                                                                                    |
| Aperture Type        | Fixed                                                                                                                                                                   |
| Field of View        | 105.3°(H); 56.9°(V); 119.7°(D)                                                                                                                                          |
| DORI Distance        | Detect:77m<br>Observe:30.5m<br>Recognize:15.5m<br>Identify:7.5m                                                                                                         |
| Illuminator          |                                                                                                                                                                         |
| IR LEDs              | 2                                                                                                                                                                       |
| IR Distance          | Up to 30m                                                                                                                                                               |
| Wavelength           | 850nm                                                                                                                                                                   |
| White LEDs           | 2                                                                                                                                                                       |
| Whitelight Distance  | 15m                                                                                                                                                                     |
| Compression Standard |                                                                                                                                                                         |
| Video Compression    | S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG                                                                                                                            |
| Video Bit Rate       | 32k~16Mbps                                                                                                                                                              |
| Audio Compression    | G.711A/G.711U/ADPCM_D/AAC_LC                                                                                                                                            |
| Audio Sampling Rate  | 8kHz/32kHz/48kHz                                                                                                                                                        |
| Image                |                                                                                                                                                                         |
| Max. Resolution      | 8MP,3840×2160@20fps                                                                                                                                                     |
| Main Stream          | PAL:20fps(3840×2160, 3072×2048), 25fps(2560×1440, 2304×1296, 1920×1080, 1280×720)<br>NTSC:20fps(3840×2160, 3072×2048), 30fps(2560×1440, 2304×1296, 1920×1080, 1280×720) |
| Sub Stream           | PAL:25fps(704×576, 704×288, 640×360, 352×288)<br>NTSC:30fps(704×480, 704×240, 640×360, 352×240)                                                                         |
| Third Stream         | PAL:25fps(704×576, 704×288, 352×288, 640×480)<br>NTSC:30fps(704×480, 704×240, 352×240, 640×480)                                                                         |
| BLC                  | Yes                                                                                                                                                                     |
| HLC                  | Yes                                                                                                                                                                     |

|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3D DNR          | Yes                                                                                                                                                                         |
| White Balance   | Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance                                                                   |
| ROI             | 8 rectangular static areas                                                                                                                                                  |
| Corridor Mode   | Yes                                                                                                                                                                         |
| OSD             | Overlay of additional characters in 5 regions, 2 lines, with a maximum of 127 characters or 42 Chinese characters per region; 16*16/32*32/48*48/64*64/96*96; Vector/Lattice |
| Picture Overlay | 1*200x200 size BMP 24 color bit image overlay                                                                                                                               |
| Privacy Mask    | 4 black static areas                                                                                                                                                        |
| Defog           | Yes                                                                                                                                                                         |

## Feature

|                                      |                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| General Alarm                        | Motion Detection; Mask Alarm; Alarm Input                                                                                         |
| Exceptions Alarm                     | Voltage Alarm; Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Network Disconnection |
| Linkage Method                       | Send Email; Trigger Sound; Trigger Warmlight; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output        |
| Video Analytics                      | Human/Vehicle Classification; Tripwire; Perimeter; Video Abnormal; Audio Abnormal                                                 |
| Rules of Behavior Analyse In 1 Scene | 8                                                                                                                                 |
| Early Warning(EW)                    | Yes                                                                                                                               |

## Network

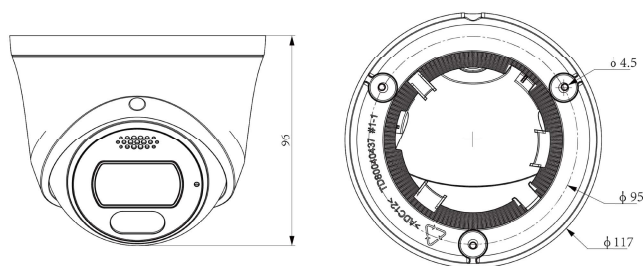
|                      |                                                                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANR                  | Yes                                                                                                                                                                                                        |
| Protocols            | RTSP; RTMP; HTTP; HTTPS; TCP; UDP; UPnP; ICMP; IGMP; SNMP v1\2\3; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS v1.2; SSL; 802.1X; QoS; IPv4; IPv6; PPPoE; SSH; Unicast; Multicast; RTP; ARP; SRTP; FTP; SFTP |
| System Compatibility | ONVIF(Profile S/T/G/M) ; SDK; CGI; Milestone                                                                                                                                                               |
| Remote Connection    | ≤7                                                                                                                                                                                                         |
| Client               | Easy7 VMS                                                                                                                                                                                                  |
| Mobile Client        | EasyLive Plus                                                                                                                                                                                              |
| Web                  | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+                                                                                                                                                           |

## Interface

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication Interface | 1×RJ-45 (10/100 Base-T)                                                                                                                                                                                            |
| Audio I/O               | 1×input, two-core , max. input amplitude:3.3 Vpp, input impedance:1 KΩ, 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               | 1×input,TTL,3mA,3.3VDC; 1×output,TTL,30mA,12VDC                                                                                                                                                                    |
| Built-in Mic            | 1×Built-in Mic                                                                                                                                                                                                     |
| Built-in Speaker        | 1×Built-in Loudspeaker                                                                                                                                                                                             |
| On-board Storage        | Support microSD/microSDHC/microSDXC card,up to 512GB                                                                                                                                                               |
| RTC                     | Yes                                                                                                                                                                                                                |

## General

**DIMENSIONS (Unit: mm)**



## Assembly diagram of Junction Box



TC-P54BM Spec:V5



A36



A29