



## TC-H343K 8DA-4 PT Camera

4G Series



### KEY FEATURES

- Plastic housing
- Up to 4MP, 2560 × 1440 @ 20fps
- S+265/H.265
- Color: 0.02Lux@ (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 256GB
- Operating conditions -20°C~50°C (14°F~122°F)  
(Charge: -20°C~50°C), 0~95%RH (non-condensing)
- DC5V, USB type-C, Max. 10W
- IP65

## SPECIFICATIONS

| Camera                   |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| Image Sensor             | 1/3"CMOS                                                                      |
| Min. Illumination        | Color:0.02Lux@(F1.6,AGC ON),B/W:0Lux with IR                                  |
| Shutter Time             | 1s-1/100000s                                                                  |
| Day&Night                | Fixed IR-cut                                                                  |
| WDR                      | DWDR                                                                          |
| S/N                      | ≥52dB                                                                         |
| Angle Adjustment         | 0~345°; 0~90°                                                                 |
| Lens                     |                                                                               |
| Lens Type                | Fixed focal lens                                                              |
| Focal Length             | 4mm                                                                           |
| Lens Mount               | M12                                                                           |
| Aperture Range           | F1.6                                                                          |
| Aperture Type            | Fixed                                                                         |
| Field of View            | 77.3°(H); 41.2°(V); 89.3°(D)                                                  |
| DORI Distance            | Detect: 80.00 m<br>Observe: 31.75 m<br>Recognize: 16.00 m<br>Identify: 8.00 m |
| Pan&Tilt                 |                                                                               |
| Pan Speed                | 30°/s                                                                         |
| Tilt Speed               | 25°/s                                                                         |
| Preset                   | 64                                                                            |
| Illuminator              |                                                                               |
| IR LEDs                  | 2                                                                             |
| IR Distance              | Up to 30m                                                                     |
| Wavelength               | 850nm                                                                         |
| White LEDs               | 2                                                                             |
| Whitelight Distance      | 15m                                                                           |
| Red and Blue Alarm Flash | Yes                                                                           |
| Compression Standard     |                                                                               |
| Video Compression        | S+265/H.265                                                                   |
| Video Bit Rate           | 1.2Mbps                                                                       |
| Audio Compression        | G.711A                                                                        |
| Audio Sampling Rate      | 16kHz                                                                         |
| Image                    |                                                                               |
| Max. Resolution          | 4MP,2560×1440@20fps                                                           |
| Main Stream              | PAL:20fps(2560×1440)                                                          |

|                                      |                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sub Stream                           | PAL:20fps(704x576)                                                                                                                                                                                                                                                                                                  |
| AGC                                  | Yes                                                                                                                                                                                                                                                                                                                 |
| 3D DNR                               | Yes                                                                                                                                                                                                                                                                                                                 |
| White Balance                        | Auto                                                                                                                                                                                                                                                                                                                |
| OSD                                  | 64*64; Lattice                                                                                                                                                                                                                                                                                                      |
| Feature                              |                                                                                                                                                                                                                                                                                                                     |
| General Alarm                        | Smart Alarm(human and vehicle detection)                                                                                                                                                                                                                                                                            |
| Exceptions Alarm                     | Disk Full; Disk R/W Error                                                                                                                                                                                                                                                                                           |
| Linkage Method                       | Trigger Sound; Trigger Warmlight; Trigger Recording; Trigger Capture                                                                                                                                                                                                                                                |
| Auto-Tracking                        | Auto-Tracking                                                                                                                                                                                                                                                                                                       |
| Network                              |                                                                                                                                                                                                                                                                                                                     |
| Protocols                            | TCP/IP; UDP; ICMP; DNS; NTP; IPv4; SSH; Unicast                                                                                                                                                                                                                                                                     |
| Remote Connection                    | ≤2                                                                                                                                                                                                                                                                                                                  |
| Client                               | Easy7 VMS                                                                                                                                                                                                                                                                                                           |
| Mobile Client                        | EasyLive Plus                                                                                                                                                                                                                                                                                                       |
| Wireless Parameters                  |                                                                                                                                                                                                                                                                                                                     |
| Wireless                             | SIM Card Type:Nano SIM<br>Uplink And Downlink Data Rate:Cat 1,uplink: 10.3 Mbps,downlink:5.1 Mbps<br>Frequency:<br>LTE-FDD: B1/B3/B5/B7/B8/B20/B28<br>LTE-TDD: B38/B40/B41<br>4G Data Rate<br>LTE-FDD: Max.10.3Mbps (DL)/Max.5.1Mbps (UL)<br>LTE-TDD: Max.9.1Mbps (DL)/Max.3.1Mbps (UL)<br>Standard:LTE-TDD,LTE-FDD |
| Low-Power Consumption & Battery Life |                                                                                                                                                                                                                                                                                                                     |
| Battery Specifications               | Battery Type:Lithium<br>Battery Voltage:DC 2.8 V to DC 4.2 V<br>Capacity:5200 mAh (3.7 V)<br>Max. Output Voltage:4.2 V<br>Operating Temperature:<br>Charging: -5°C to 45°C<br>Discharging: -20°Cto 55°C<br>Battery Life:Cap(800th)≥80%                                                                              |

|                       |                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low-Power Consumption | Low-power type:Support Smart AOV Mode: 24/7 video recording<br>Low-power mode:Constant Power Mode,Super power-saving mode,Intelligent AOV mode,Normal AOV model,Delay photography mode<br><br>Laboratory Data:<br>Super power-saving mode:25days<br>Intelligent AOV mode: 8 days<br>Constant Power Mode: 6 hours |
| Solar Panel           | Solar Panel Type:ETFE Monocrystalline silicon solar panel<br>Power Consumption:≥5W<br>Solar Panel Dimensions & Weight:174 × 164 × 17.3 mm / 250 g<br>Working Temperature:-20°C to 60°C<br>Protection:IP65                                                                                                        |
| Interface             |                                                                                                                                                                                                                                                                                                                  |
| Built-in Mic          | 1×Built-in Mic                                                                                                                                                                                                                                                                                                   |
| Built-in Speaker      | 1×Built-in Loudspeaker                                                                                                                                                                                                                                                                                           |
| Reset Button          | Yes                                                                                                                                                                                                                                                                                                              |
| On-board Storage      | Support microSD/microSDHC/microSDXC card,up to 256GB                                                                                                                                                                                                                                                             |
| General               |                                                                                                                                                                                                                                                                                                                  |
| Operating Temperature | -20°C~50°C(14°F~122°F)<br>(Charge:-20°C~50°C)                                                                                                                                                                                                                                                                    |
| Operating Humidity    | 0~95%RH(non-condensing)                                                                                                                                                                                                                                                                                          |
| Storage Temperature   | -20°C~50°C(14°F~122°F)                                                                                                                                                                                                                                                                                           |
| Storage Humidity      | 0~95%RH(non-condensing)                                                                                                                                                                                                                                                                                          |
| Power Supply          | DC5V,USB type-C,Max. 10W                                                                                                                                                                                                                                                                                         |
| Protection            | Surge500V; ESD6000V; IP65                                                                                                                                                                                                                                                                                        |
| Boundary Dimensions   | 158(L)105(W)144(H)mm                                                                                                                                                                                                                                                                                             |
| Package Dimensions    | 255(L)200(W)180(H)mm                                                                                                                                                                                                                                                                                             |
| GrossWeight           | 1.27kg                                                                                                                                                                                                                                                                                                           |
| NetWeight             | 0.56kg (No Solar panels)                                                                                                                                                                                                                                                                                         |

DIMENSIONS (Unit: mm)

