



TC-H333N Spec:I5W/C/WIFI/Eu/4mm/V4.2

3MP Fixed Color Maker Wi-Fi PT Camera

Wi-Fi Series



KEY FEATURES

- Plastic housing
- Up to 3MP, 2304 × 1296 @ 20fps
- S+265/H.265/H.264B/H.264M/H.264H
- Color: 0.02Lux @ (F1.6, AGC ON), B/W: 0Lux with IR
- IR range up to 50m
- Built-in Mic, Built-in Speaker
- Support microSD/microSDHC/microSDXC card, up to 512GB
- Operating conditions -30°C ~ 60°C (-22°F ~ 140°F), ≤95%RH
- DC12V ± 25%, Max. 12W
- IP66

SPECIFICATIONS

| Camera | |
|----------------------|---|
| Image Sensor | 1/2.9"CMOS |
| Min. Illumination | Color:0.02Lux@(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 | DWDR |
| S/N | >38dB |
| Angle Adjustment | 0~294°; 0~90° |
| Lens | |
| Lens Type | Fixed focal lens |
| Focal Length | 4mm |
| Lens Mount | M12 |
| Aperture Range | F1.6 |
| Aperture Type | Fixed |
| Field of View | 81.6°(H); 43.1°(V); 94.2°(D) |
| DORI Distance | Detect:57.14m Observe:22.68m Recognize:11.43m Identify:5.71m |
| Illuminator | |
| IR LEDs | 6 |
| IR Distance | Up to 50m |
| Wavelength | 850nm |
| White LEDs | 6 |
| Whitelight Distance | 15m |
| Compression Standard | |
| Video Compression | S+265/H.265/H.264B/H.264M/H.264H |
| Video Bit Rate | 32k~4Mbps |
| Audio Compression | G.711A/G.711U |
| Audio Sampling Rate | 8kHz/16kHz |
| Image | |
| Max. Resolution | 3MP,2304×1296@20fps |
| Main Stream | PAL:20fps(2304×1296, 1920×1080, 1280×720, 640×480, 704×576) NTSC:20fps(2304×1296, 1920×1080, 1280×720, 640×480, 704×480) |
| Sub Stream | PAL:20fps(704×576, 704×288, 640×360, 352×288, 800×488) NTSC:20fps(704×480, 704×240, 640×360, 352×240, 800×488) |
| BLC | Yes |
| HLC | Yes |
| AGC | Yes |
| 3D DNR | Yes |

| | |
|---------------|---|
| White Balance | Auto/Semi-Auto/Manual/Sunshine/Nature Light/Warmlight Lamp/Daylight Lamp/Filament Lamp/Lock White Balance |
| OSD | Overlay of additional characters in 1 regions, 1 line, with a maximum of 48 characters or 16 Chinese characters per region; 16*16/32*32 |
| Privacy Mask | 4 black static areas |
| Defog | Yes |

Feature

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|------------------|--|
| Exceptions Alarm | Disk Full; Disk R/W Error; IP Address Conflict |
| Linkage Method | Trigger Sound; Trigger Warmlight; Trigger Recording; Trigger Capture; Notify Surveillance Center; Alarm Output |
| Auto-Tracking | Yes |

Network

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|----------------------|--|
| ANR | Yes |
| Protocols | HTTP; TCP/IP; UDP; ICMP; DHCP; DNS; NTP; TLS v1.2; IPv4; SSH; Unicast; FTP |
| System Compatibility | ONVIF(Profile S/T) ; SDK; CGI; Milestone; RTSP |
| Remote Connection | ≤2 |
| Client | Easy7 VMS |
| Mobile Client | EasyLive Plus |
| Web | IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+ |

Wi-Fi

| | |
|-----------------------|---|
| Transmission Distance | Up to 30m(based on actual environment) |
| Wireless Standard | IEEE802.11b/ 802.11g/802.11n |
| Frequency Range | 2.4 GHz ~ 2.4835 GHz |
| Channel Bandwidth | 20/40MHz |
| Wi-Fi Security | WPA-PSK/WPA2-PSK |

Interface

| | |
|-------------------------|---|
| Communication Interface | 1*RJ-45 (10/100 Base-T) |
| Built-in Mic | Yes |
| Built-in Speaker | Yes |
| Reset Button | Yes |
| On-board Storage | Support microSD/microSDHC/microSDXC card, up to 512GB |

General

| | |
|-----------------------|--|
| Web Client Language | 3 languages Simple Chinese/English/Vietnamese |
| Operating Temperature | -30°C~60°C(-22°F~140°F) |
| Operating Humidity | ≤95%RH |
| Storage Temperature | -30°C~60°C(-22°F~140°F) |
| Storage Humidity | 10%~95%RH(non-condensing) |
| Power Supply | DC12V±25%,Max. 12W |
| Protection | Surge4000V; ESD6000V; IP66 |
| Boundary Dimensions | 138(L)112(W)173(H)mm |
| Package Dimensions | 160(L)160(W)205(H)mm |

DIMENSIONS (Unit: mm)

