



Network

Dome

TNV-8011C

5MP Corner Mount Camera



Key Features

- Maximum 5MP resolution
- Maximum 30fps @ all resolutions (H.265/H.264/MJPEG)
- 0.1lux@F2.3(Color), 0.02lux@F2.3(B/W)
- 2.3mm fixed focal
- Anti-ligature design for corrections and behavioral health facilities
- Day & Night Auto(ICR), WDR (120dB)
- Defocus detection, Tampering, Audio detection
- Micro SD/SDHC/SDXC memory slot (128GB)
- Hallway view, WiseStream II support
- PoE, IP66, IP6K9K, IK10

Compatible Accessories (Optional)



SBC-170CB



SBC-170CW



SBC-170C

TNV-8011C

5MP Corner Mount Camera



Specifications

Video

| | |
|-------------------|---|
| Imaging Device | 1/2.8" CMOS |
| Resolution | 2592x1944, 1920x1080, 1280x960, 1280x720, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360 |
| Max. Framerate | H.265/H.264: Max. 30fps/25fps(60Hz/50Hz) MJPEG: Max. 15fps/12fps (60Hz/50Hz) |
| Min. Illumination | Color: 0.1 lux (F2.3, 1/30sec) B/W: 0.02 lux (F2.3, 1/30sec) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation USB: Micro USB Type B, 1280x720 for installation |

Lens

| | |
|---------------------------|------------------------------|
| Focal Length (Zoom Ratio) | 2.3mm fixed focal |
| Max. Aperture Ratio | F2.3 |
| Angular Field of View | H: 131° / V: 93.4° / D: 174° |
| Focus Control | Fixed |

Operational

| | |
|-----------------------------|--|
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, WDR, SDR |
| Wide Dynamic Range | 120dB |
| Digital Noise Reduction | SSNR |
| Digital Image Stabilization | Support |
| Defog | Support |
| Motion Detection | 4ea, polygonal zones |
| Privacy Masking | 6ea, rectangular zones |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor(include Mercury & Sodium) |
| LDC | Support |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror, Hallway view(90°/270°) |
| Analytics | Defocus detection, Directional detection, Motion detection, Enter/Exit, Tampering, Virtual line, Audio detection |
| Alarm I/O | Input 1ea / Output 1ea |
| Alarm Triggers | Analytics, Network disconnect, Alarm input |
| Alarm Events | File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output |
| Audio In | Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out. Max.output level: 1Vrms |

Network

| | |
|-------------------|--|
| Ethernet | RJ-45(10/100BASE-T) |
| Video Compression | H.265/H.264: Main/Baseline/High, MJPEG |

| | |
|--|---|
| Audio Compression | G.711 u-law /G.726 selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps |
| Smart Codec | Manual(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles) |
| Protocol | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour, sRTP |
| Security | HTTPS(SSL) login authentication Digest login authentication IP address filtering User access log 802.1X authentication(EAP-TLS, EAP-LEAP) Device certificate(Hanwha Techwin Root CA) |
| Application Programming Interface | SUNAPI(HTTP API) Wisenet open platform |

General

| | |
|-------------------------|---|
| Webpage Language | English, Korean, Chinese, French, Italian, Spanish, German, Japanese, Russian, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek |
| Edge Storage | Micro SD/SDHC/SDXC 1slot 128GB |
| Memory | 512MB RAM, 256MB Flash |

Environmental & Electrical

| | |
|---|--|
| Operating Temperature / Humidity | -10°C~+55°C(+14°F~+131°F) / Less than 95% RH |
| Storage Temperature / Humidity | -50°C~+60°C(-58°F~+140°F) / Less than 95% RH |
| Certification | IP66, IP6K9K, IK10 |
| Input Voltage | PoE(IEEE802.3af, Class2) |
| Power Consumption | PoE: Max 6.49W, typical 4.6W, |

Mechanical

| | |
|------------------------------------|---|
| Color / Material | White / Aluminium |
| RAL Code | RAL9003 |
| Product Dimensions / Weight | 170(W)x165(H)x78.8(D)mm(6.69x6.49x3.10") / 830g(1.83lb) |
| Skin Cover | SBC-170C, SBC-170CB, SBC-170CW |

DORI (EN62676-4 standard)

| | |
|----------------------------------|----------------|
| Detect (25PPM/ 8PPF) | 23.6m(77.51ft) |
| Observe (63PPM/ 19PPF) | 9.4m(31.00ft) |
| Recognize (125PPM/ 38PPF) | 4.7m(15.50ft) |
| Identify (250PPM/ 76PPF) | 2.4m(7.75ft) |

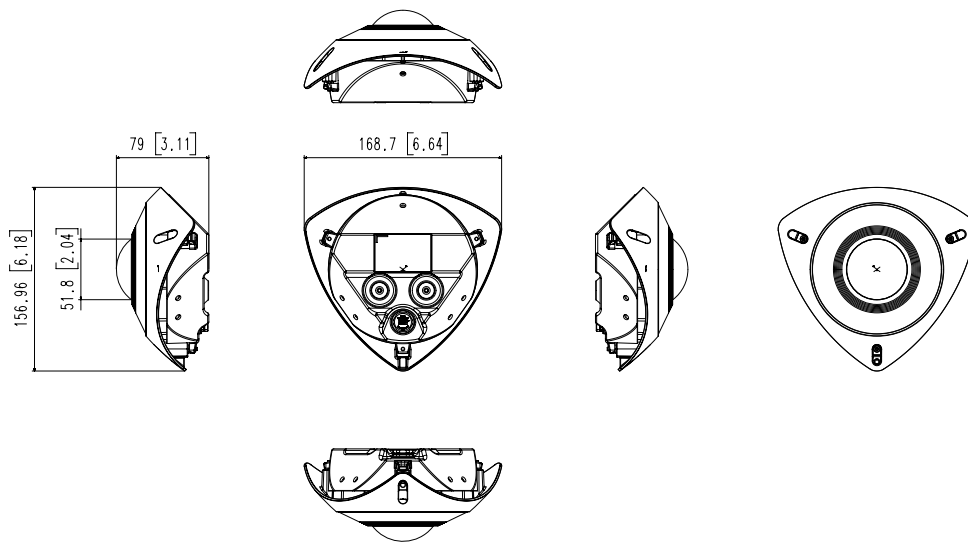
TNV-8011C

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CAD

Unit: mm [inch]



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|----------------|------------|-----------|
| 3 | | |
| 2 | | |
| 1 | TNV-8011C | '21.11.23 |
| No. | MODEL NAME | DATE |
| Unit:mm[inch] | | SCALE:1/1 |
| Hanwha Techwin | | |

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