



Network

Dome

# TNV-8011C

5MP Corner Mount Camera

FC |  | CE | EAC

## Key Features

- Maximum 5MP resolution
- Maximum 30fps @ all resolutions (H.265/H.264/MJPEG)
- Colour: 0.1 lux (F2.3, 1/30sec) B/W: 0.02 lux (F2.3, 1/30sec)
- 2.3mm fixed focal
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night Auto(ICR), WDR (120dB)
- Defocus detection, Tampering, Audio detection
- Micro SD/SDHC/SDXC memory slot (128GB)
- Hallway view(90°/270°), WiseStream II support
- PoE, IP66, IP6K9K, IK10

## Compatible Accessories (Optional)



SBC-170CB



SBC-170CW



SBC-170C

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## 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	Colour: 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

<b>Audio Compression</b>	G.711 u-law /G.726 selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps
<b>Smart Codec</b>	Manual(5ea area), WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Unicast (6 users) / Multicast Multiple streaming (Up to 3 profiles)
<b>Protocol</b>	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
<b>Security</b>	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)
<b>Application Programming Interface</b>	SUNAPI(HTTP API) Wisenet open platform

## General

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

## Environmental & Electrical

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

## Mechanical

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

## DORI (EN62676-4 standard)

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

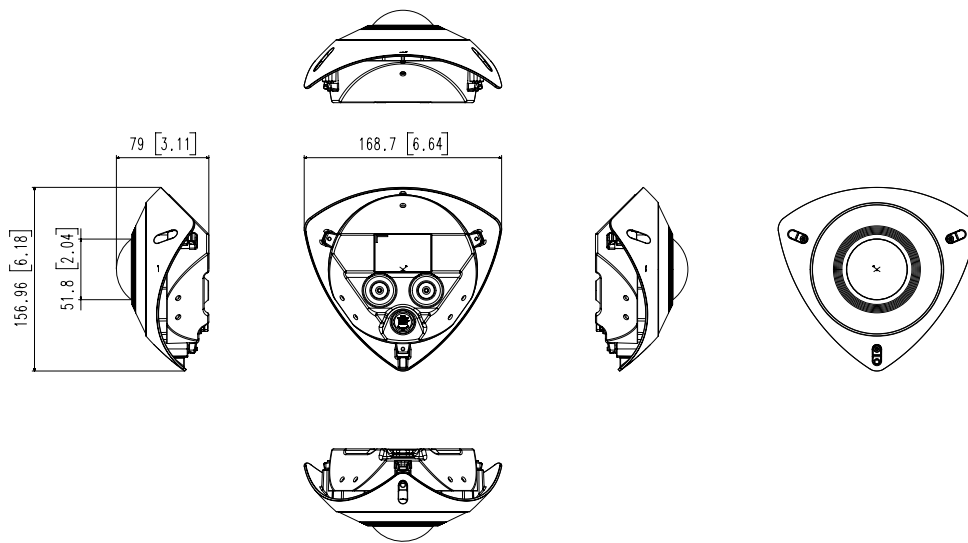
# TNV-8011C

5MP Corner Mount Camera



CAD

Unit: mm [inch]



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

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