



Network

Dome

TNV-7011RC

3MP Corner Mount Camera



Key Features

- Maximum 3MP (2048 x 1536) resolution
- Maximum 30fps @ all resolutions (H.265/H.264/MJPEG)
- 0.3 lux @ F2.0 (Color), 0 lux @ F2.0 (B/W)
- Built-in 2.8mm fixed lens
- Anti-ligature design for corrections and behavioral health facilities
- Day & Night, WDR (120dB)
- Video & audio analytics, Shock detection
- microSD/SDHC/SDXC memory slot (256GB)
- Hallway view, WiseStream II support
- PoE, DC 12V, IK10+

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Specifications

Video

Imaging Device	1/2.8" CMOS
Resolution	2048x1536, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240
Max. Framerate	H.265/H.264/MJPEG: Max. 30fps at all resolutions
Min. Illumination	Color: 0.3 lux (F2.0, 1/30sec) B/W: 0 lux (F2.0, 1/30sec)
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P) for installation

Lens

Focal Length (Zoom Ratio)	2.8mm fixed focal
Max. Aperture Ratio	F2.0
Angular Field of View	H: 102° / V: 75° / D: 129°
Min. Object Distance	0.4m(1.31ft)
Focus Control	Manual

Pan / Tilt / Rotate

Pan / Tilt / Rotate Range	- / 30°~60° / -
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Operational

Camera Title	Displayed up to 85 characters
Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, SSSR
Wide Dynamic Range	120dB
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support
Motion Detection	8ea, 8point polygonal zones
Privacy Masking	32ea, polygonal zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
Gain Control	Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
LDC	Support
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)
Video Rotation	Flip, Mirror, Hallway view(90°/270°)
Analytics	Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter/Exit, Appear/Disappear, Audio detection, Face detection, Motion detection, Digital auto tracking, Sound classification, Shock detection
Alarm I/O	Input 1ea / Output 1ea
Alarm Triggers	Analytics, Network disconnect, Alarm input, Motion detection
Alarm Events	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output DPTZ preset
Audio In	Selectable(mic in/line in) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm

Audio Out	Line out, Max.output level: 1Vrms
IR Viewable Length	10m(32.8ft, wave length: 940nm)

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 AAC-LC: 48Kbps at 8/16/32/48KHz
Smart Codec	Manual(Sea area), WiseStream II
Bitrate Control	H.264/H.265: CBR or VBR MJPEG: VBR
Streaming	Unicast(20 users) / Multicast Multiple streaming(Up to 10 profiles)
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, 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)
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 256GB

Environmental & Electrical

Operating Temperature / Humidity	-10°C~+55°C(+14°F~+131°F) / Less than 90% RH
Storage Temperature / Humidity	-50°C~+60°C(-58°F~+140°F) / Less than 90% RH
Certification	IP66, IP6K9K, IK10+
Input Voltage	PoE(IEEE802.3af, Class2), 12VDC
Power Consumption	PoE: Max 12W, typical 10.1W, 12VDC: Max. 11W, typical 8.6W

Mechanical

Color / Material	White / Aluminium
RAL Code	RAL9003
Product Dimensions / Weight	Ø295.5x113.5mm(11.6x4.47") / 2.1kg (4.63lb)

DORI (EN62676-4 standard)

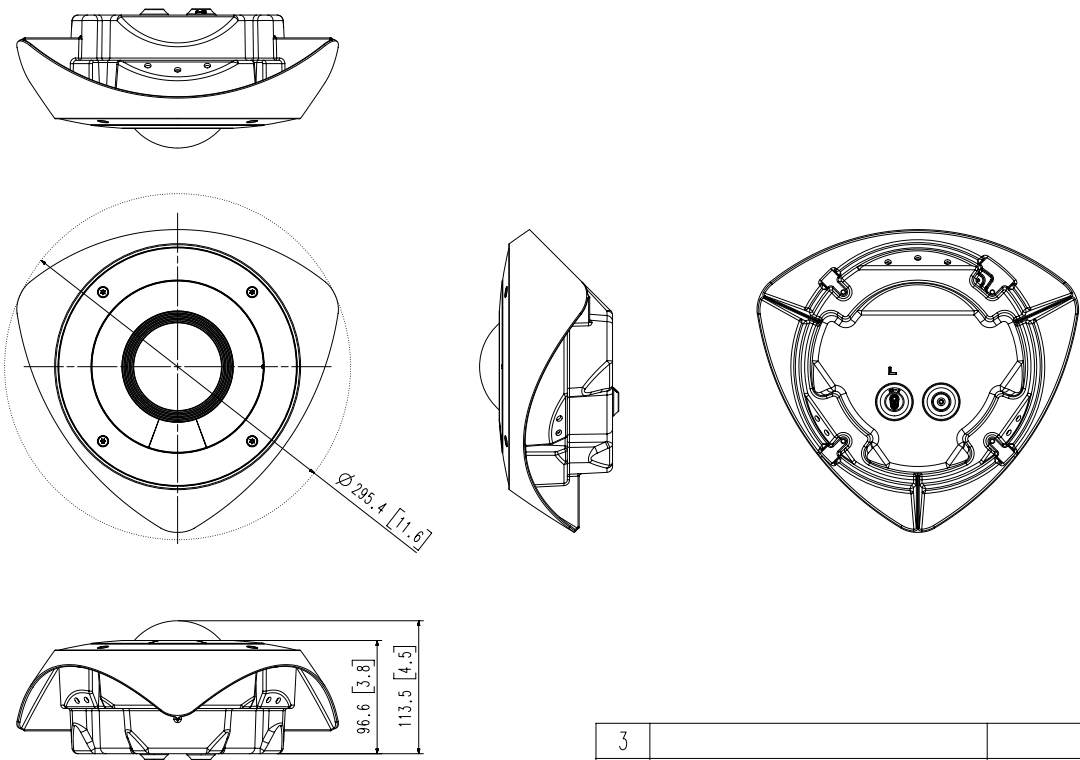
Detect (25PPM/ 8PPF)	33.2m(108.82ft)
Observe (63PPM/ 19PPF)	13.3m(43.53ft)
Recognize (125PPM/ 38PPF)	6.6m(21.76ft)
Identify (250PPM/ 76PPF)	3.3m(10.88ft)

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CAD

Unit: mm [inch]



A2

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1	TNV-7011RC	'21.11.23
No.	MODEL NAME	DATE
Unit: mm [inch] SCALE: 1/2 © Hanwha Techwin		