



Network

## 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+

## TNV-7011RC

3MP Corner Mount Camera



### Specifications

| 映像                      |                                                                                                                                         |        |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------|
| Imaging Device          | サイズ                                                                                                                                     | 1/2.8" |
|                         | タイプ                                                                                                                                     | CMOS   |
| 解像度                     | 2048x1536, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |        |
| Max. Framerate          | H.265/H.264                                                                                                                             | 30fps  |
|                         | MJPEG                                                                                                                                   | 30fps  |
| Min. Illumination (Lux) | Color(1/30sec, 30IRE)                                                                                                                   | 0.3    |
|                         | BW(1/30sec, 30IRE)                                                                                                                      | 0.03   |
| Video Out               | CVBS: 1.0 Vp-p / 75Ω composite for installation                                                                                         |        |

| レンズ                           |              |      |
|-------------------------------|--------------|------|
| Focal Length (mm)             |              | 2.8  |
| Max Aperture Ratio (F number) | Wide         | 2.0  |
| 視野角度                          | Horizontal   | 102° |
|                               | Vertical     | 75°  |
|                               | Diagonal     | 129° |
| Min. Object Distance          | 0.4m(1.31ft) |      |
| Focus Control                 | 手動           |      |

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

| 技能                          |                    |
|-----------------------------|--------------------|
| Day & Night                 | Auto(ICR)          |
| Backlight Compensation      | BLC, HLC, WDR, SDR |
| Wide Dynamic Range (dB)     | 120                |
| Digital Noise Reduction     | SSNR V             |
| Digital Image Stabilization | サポート               |
| 曇り除去                        | サポート               |

## 技能

|                                          |                |                                                                                                                                                        |
|------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| モーション検知                                  | Quantity       | 8ea                                                                                                                                                    |
|                                          | Shape          | 8point Polygonal zones                                                                                                                                 |
| Privacy Masking                          | Quantity       | 32ea                                                                                                                                                   |
|                                          | Shape          | Polygonal zones                                                                                                                                        |
|                                          | Color / Option | 灰色, 緑, Red, 青, 黒, 白, モザイク                                                                                                                              |
| ゲイン制御                                    |                | 低, 中, 高                                                                                                                                                |
| ホワイトバランス                                 |                | ATW, AWC, 手動, 室内, 屋外                                                                                                                                   |
| LDC                                      |                | サポート                                                                                                                                                   |
| Electronic Shutter                       | モード            | 最小, 最大, アンチフリッカー                                                                                                                                       |
|                                          | Speed Range    | 2~1/12,000sec                                                                                                                                          |
| ビデオ回転                                    |                | FLIPモード, ミラー, Hallway view(90°/270°)                                                                                                                   |
| Alarm Interface                          | In/Out         | Input 1ea, Output 1ea                                                                                                                                  |
| Alarm Triggers                           |                | 分析, ネットワーク切断, アラーム入力                                                                                                                                   |
| Alarm Events When Alarm Trigger Occurred |                | File upload(image): e-mail/FTP,<br>Notification: e-mail,<br>Recording: SD/SDHC/SDXC or NAS recording at event triggers,アラーム出力,<br>Handover: PTZ preset |
| オーディオ入力                                  |                | Selectable(mic in/line in), Built-in MIC                                                                                                               |
| オーディオ出力                                  |                | Line out                                                                                                                                               |
| Light Type                               |                | IR LED                                                                                                                                                 |
| Light Viewable Length                    | IR             | 10m(32.8ft)                                                                                                                                            |
| IR Wavelength                            |                | 940nm                                                                                                                                                  |

## 分析

|        |    |                                                                                                                                                             |
|--------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 分析イベント | 通常 | 焦点ぼけ検知, モーション検知, タンパリング, フォグ検出, 顔検出, 音声検出, サウンド分類, 衝撃検知, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) |
|--------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

## ネットワーク

|                   |                    |                                                                                                                               |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Ethernet          |                    | RJ-45(10/100BASE-T)                                                                                                           |
| 映像圧縮              |                    | H.265/H.264: Main/Baseline/High, MJPEG                                                                                        |
| Audio Compression |                    | G.711 u-law /G.726 selectable,G.726(ADPCM) 8kHz,G.711 8kHz,<br>G.726: 16kbps,24kbps,32kbps,40kbps,<br>AAC-LC: 48kbps at 16kHz |
| Smart codec       |                    | 手動, WiseStream II                                                                                                             |
| ビットレートコントロール      |                    | H.265/H.264: CBR or VBR,<br>MJPEG: VBR                                                                                        |
| Streaming         | Unicast            | 最大 20ユーザー                                                                                                                     |
|                   | マルチキャスト            | サポート                                                                                                                          |
|                   | Multiple Streaming | 最大 10プロファイル                                                                                                                   |

## ネットワーク

|                                   |       |                                                                                                                                                                                                                     |
|-----------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| プロトコル                             |       | 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, UPnP, Bonjour, SRTP(TCP, UDP Unicast), PPPoE, PIM-SM |
| Application Programming Interface | ONVIF | s, G, T                                                                                                                                                                                                             |
|                                   | その他   | SUNAPI(HTTP API), Hanwha Vision Open Platform                                                                                                                                                                       |
| Direct Cloud Connection           |       | Optional (needs gateway)                                                                                                                                                                                            |

## セキュリティ

|                        |                                        |
|------------------------|----------------------------------------|
| ユーザー認証                 | ダイジェスト認証                               |
| Network authentication | IEEE 802.1X(EAP-TLS, EAP-LEAP)         |
| Secure Communication   | HTTPS, SRTP                            |
| Access Control         | IP-based access control                |
| Audit                  | Access / System / Event Log management |

## 一般

|              |                    |                    |
|--------------|--------------------|--------------------|
| Edge Storage | Micro SD/SDHC/SDXC | Max. 256GB x 1slot |
|--------------|--------------------|--------------------|

## Environmental & Electrical

|               |       |                                 |
|---------------|-------|---------------------------------|
| 動作条件          | 温度    | -10°C~+55°C(+14°F~+131°F)       |
|               | 湿度    | 0~90% RH(non-condensing)        |
| 保管条件          | 温度    | -50°C~+60°C(-58°F~+140°F)       |
|               | 湿度    | 0~90% RH(non-condensing)        |
| Input Voltage |       | PoE(IEEE802.3af, Class2), 12VDC |
| 消費電力          | PoE   | Max 12W, typical 10.1W          |
|               | 12VDC | Max 11W, typical 8.6W           |

## Mechanical

|                    |                                                |
|--------------------|------------------------------------------------|
| カラー                | 白                                              |
| 材料                 | アルミニウム                                         |
| RAL Code           | RAL9003                                        |
| Product Dimensions | 274.5(W)x258.5(H)x113.5(D)mm(10.81x10.18x4.5") |
| Product Weight     | 2.1kg(4.63lb)                                  |

## Certifications & Standards

|    |                                                   |
|----|---------------------------------------------------|
| 環境 | IEC 60529 IP66, ISO 20653 IP6K9K, IEC 62262 IK10+ |
|----|---------------------------------------------------|

## DORI (EN62676-4 standard)

|                           |      |                 |
|---------------------------|------|-----------------|
| Detect (25PPM/ 8PPF)      | Wide | 33.2m(108.82ft) |
| Observe (63PPM/ 19PPF)    | Wide | 13.3m(43.53ft)  |
| Recognize (125PPM/ 38PPF) | Wide | 6.6m(21.76ft)   |

DORI (EN62676-4 standard)

|                             |      |               |
|-----------------------------|------|---------------|
| Identify (250PPM/<br>76PPF) | Wide | 3.3m(10.88ft) |
|-----------------------------|------|---------------|

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CAD

Unit: mm [inch]

