



Network

PTZ

# XNP-8250

6MP 25x PTZ



## Key Features

- Max. 6MP resolution
- 5~125mm (25x) optical zoom (digital 32x, total 800x zoom)
- Day & Night (ICR), extreme WDR, DIS (Built-in gyro sensor)
- Intelligent Analytics, Object auto tracking (Person/Vehicle), Target lock tracking
- H.264, H.265, MJPEG codec, WiseStreamII
- IP66, IK10, NEMA4X, NEMA-TS 2 (2.2.8, 2.2.9)
- PTZ PLUS Design applied (Compact, Lighter, Simple cabling)

## XNP-8250

6MP 25x PTZ



## Specifications

| 映像                            |                                                                                                                                                                          |                                                         |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Imaging Device                | サイズ                                                                                                                                                                      | 1/2.8"                                                  |
|                               | タイプ                                                                                                                                                                      | CMOS                                                    |
| 解像度                           | 3328x1872, 3072x1728, 2688x1520, 2592x1944, 1920x1080, 1600x1200, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |                                                         |
| Max. Framerate                | H.265/H.264                                                                                                                                                              | 30fps/25fps(60Hz/50Hz)                                  |
|                               | MJPEG                                                                                                                                                                    | 30fps(@6MP Max. 5fps)                                   |
| Min. Illumination (Lux)       | Color(1/30sec, 30IRE)                                                                                                                                                    | 0.1                                                     |
|                               | BW(1/30sec, 30IRE)                                                                                                                                                       | 0.01                                                    |
| レンズ                           |                                                                                                                                                                          |                                                         |
| Focal Length (mm)             |                                                                                                                                                                          | 5~125                                                   |
| Zoom Ratio                    | Optical                                                                                                                                                                  | 25x                                                     |
|                               | Digital                                                                                                                                                                  | 32x                                                     |
| Max Aperture Ratio (F number) | Wide                                                                                                                                                                     | 1.6                                                     |
|                               | Tele                                                                                                                                                                     | 3.73                                                    |
| 視野角度                          | Horizontal                                                                                                                                                               | 57.42°~2.71°                                            |
|                               | Vertical                                                                                                                                                                 | 33.54°~1.55°                                            |
| Min. Object Distance          |                                                                                                                                                                          | 5m(16.4ft)                                              |
| Focus Control                 |                                                                                                                                                                          | Oneshot AF, フォーカス保存                                     |
| Lens Type                     |                                                                                                                                                                          | DC auto iris                                            |
| Pan / Tilt / Rotate           |                                                                                                                                                                          |                                                         |
| Pan / Tilt / Rotate Range     | Pan                                                                                                                                                                      | 360° Endless                                            |
|                               | Tilt                                                                                                                                                                     | 90°~20°                                                 |
| Pan Speed                     | プリセット                                                                                                                                                                    | Max. 700°/sec                                           |
|                               | 手動                                                                                                                                                                       | 0.024°/sec~250°/sec                                     |
| Tilt Speed                    | プリセット                                                                                                                                                                    | Max. 500°/sec                                           |
|                               | 手動                                                                                                                                                                       | 0.024°/sec~250°/sec                                     |
| シーケンス                         |                                                                                                                                                                          | Preset(300ea), スイング, Group(6ea), 追跡, ツアー, オートラン, スケジュール |

## Pan / Tilt / Rotate

|                 |                                               |
|-----------------|-----------------------------------------------|
| Preset Accuracy | Up to $\pm 0.1^{\circ}$ , Pan/Tilt correction |
|-----------------|-----------------------------------------------|

## 技能

|                                          |                |                                                                                                                                                                                                                                                                            |
|------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 方向インジケーター                                |                | サポート                                                                                                                                                                                                                                                                       |
| Day & Night                              |                | Auto(ICR)                                                                                                                                                                                                                                                                  |
| Backlight Compensation                   |                | BLC, HLC , WDR, SDDR                                                                                                                                                                                                                                                       |
| Wide Dynamic Range (dB)                  |                | 120                                                                                                                                                                                                                                                                        |
| Digital Noise Reduction                  |                | SSNR V                                                                                                                                                                                                                                                                     |
| Digital Image Stabilization              |                | Support(built-in gyro sensor)                                                                                                                                                                                                                                              |
| 曇り除去                                     |                | サポート                                                                                                                                                                                                                                                                       |
| モーション検知                                  | Quantity       | 8ea                                                                                                                                                                                                                                                                        |
|                                          | Shape          | 8point Polygonal zones                                                                                                                                                                                                                                                     |
| Privacy Masking                          | Quantity       | 32ea                                                                                                                                                                                                                                                                       |
|                                          | Shape          | 4point Quadrangle 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                                                                                                                                                                                                                                                       |
| 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&Mirror                                                                                                                                                                                                                                                                |
| Alarm Interface                          | その他            | Support alarm I/O via optional I/O box                                                                                                                                                                                                                                     |
| 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/SFTP,<br>File upload(video clip): FTP/SFTP,<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,send message by HTTP/HTTPS/TCP,Audio clip playback,<br>MQTT: publication |
| オーディオ入力                                  |                | オプションの I/O ボックスでサポート                                                                                                                                                                                                                                                       |
| オーディオ出力                                  |                | オプションの I/O ボックスでサポート                                                                                                                                                                                                                                                       |
| Water Removal                            |                | Support(Spin Dry, Lens heater)                                                                                                                                                                                                                                             |
| 自動トラッキング                                 |                | サポート, Object auto tracking(Person/Vehicle), Target lock tracking                                                                                                                                                                                                           |

## 分析

|        |    |                                                                                                                                                     |
|--------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 分析イベント | 通常 | モーション検知, タンバリング, 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 | Metal shielded RJ-45(10/100BASE-T)     |
| 映像圧縮     | H.265/H.264: Main/Baseline/High, MJPEG |

## ネットワーク

|                                   |                    |                                                                                                                                                                                                                                         |
|-----------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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, 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                                                                                                                                                                                                                             |
| プロトコル                             |                    | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, FTP, SFTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, Bonjour, LLDP, CDP, SRTP(TCP, UDP Unicast), MQTT, NTCIP 1205 |
| Application Programming Interface | ONVIF              | s, G, T                                                                                                                                                                                                                                 |
|                                   | その他                | SUNAPI(HTTP API), Hanwha Vision Open Platform                                                                                                                                                                                           |
| Direct Cloud Connection           |                    | サポート                                                                                                                                                                                                                                    |

## セキュリティ

|                        |  |                                                                         |
|------------------------|--|-------------------------------------------------------------------------|
| OS / Firmware Protect  |  | Encrypted firmware, Secure boot, Signed firmware                        |
| ユーザー認証                 |  | ダイジェスト認証, Prevent brute-force attack                                    |
| Network authentication |  | IEEE 802.1X(EAP-TLS, EAP-LEAP, EAP-PEAP, MSCHAPv2)                      |
| Secure Communication   |  | HTTPS, WSS(WebSocket Secure), SRTP                                      |
| Access Control         |  | IP-based access control                                                 |
| Data Protect           |  | Encryption credentials, Encrypt compress for live recording file export |
| Audit                  |  | Access / System / Event Log management                                  |
| デバイスID                 |  | Device certificate(Hanwha Vision Root CA)                               |
| Secure Storage         |  | HTPM(Hanwha Trusted Platform Module), SDcard partition encrypt(AES-256) |
| Security Certificate   |  | CyberSecurity assurance program UL CAP(UL 2900-2-3 L2)                  |

## 一般

|              |                    |                               |
|--------------|--------------------|-------------------------------|
| メモリ          | RAM                | 4GB                           |
|              | フラッシュ              | 512MB                         |
| Edge Storage | Micro SD/SDHC/SDXC | Max. 512GB x 2slot(Total 1TB) |

## Environmental & Electrical

|                               |     |                                                                                                                      |
|-------------------------------|-----|----------------------------------------------------------------------------------------------------------------------|
| 動作条件                          | 温度  | -40°C~+55°C(-40°F~+131°F)                                                                                            |
|                               | 湿度  | 0~100% RH(condensing)                                                                                                |
|                               | その他 | +74°C(+165°F)(Max) based on NEMA-TS 2(2.2.7), Start up should be done at above -30°C, Humidity control with AIR vent |
| 保管条件                          | 温度  | -50°C~+60°C(-58°F~+140°F)                                                                                            |
|                               | 湿度  | 0~90% RH(non-condensing)                                                                                             |
| EPA(Effective Projected Area) |     | 0.035m <sup>2</sup>                                                                                                  |
| Input Voltage                 |     | PoE+(IEEE802.3at, Class4)                                                                                            |
| 消費電力                          | PoE | Max. 25W, Typical 20W                                                                                                |

Mechanical

|                    |                                             |
|--------------------|---------------------------------------------|
| カラー                | 白, 黒                                        |
| 材料                 | アルミニウム, PC(Polycarbonate), Hard-coated dome |
| RAL Code           | RAL9003, RAL9005                            |
| Product Dimensions | ø158x293.3mm(6.22x11.55")                   |
| Product Weight     | 3,200g(7.05lb)                              |

DORI (EN62676-4 standard)

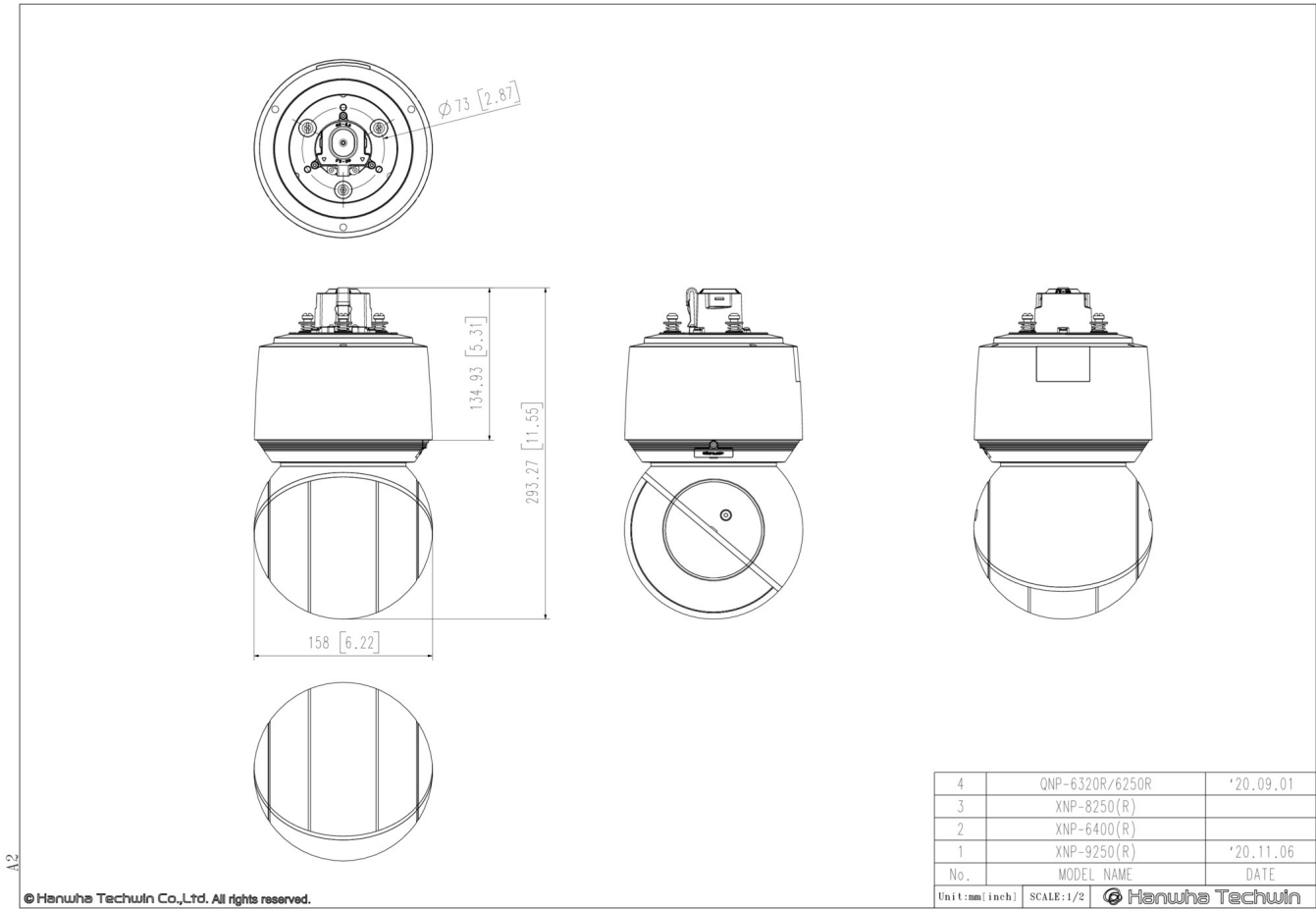
|                           |      |                   |
|---------------------------|------|-------------------|
| Detect (25PPM/ 8PPF)      | Wide | 121.5m(398.7ft)   |
|                           | Tele | 2813.9m(9232.1ft) |
| Observe (63PPM/ 19PPF)    | Wide | 48.6m(159.5ft)    |
|                           | Tele | 1125.6m(3692.8ft) |
| Recognize (125PPM/ 38PPF) | Wide | 24.3m(79.7ft)     |
|                           | Tele | 562.8m(1846.4ft)  |
| Identify (250PPM/ 76PPF)  | Wide | 12.2m(39.9ft)     |
|                           | Tele | 281.4m(923.2ft)   |

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CAD

Unit: mm [inch]



Compatible Devices



SBP-300LMW



SBP-156HMW



SBP-300WMW1



SPM-4210



SBP-156LMW



SBP-300KMW



SBP-300BW



SBP-300PMW



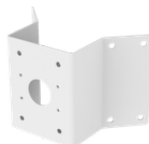
SPB-PTZ85W



SBP-156WMW



SBP-300WMW



SBP-156KMW



SBP-156CMW



SBP-300CMW