



Network

PTZ

## XNP-6371RH

2MP-H.265-NW-37x-IR -PTZ-Kamera

### Key Features

- Maximal 2 MP (1920 x 1080) Auflösung
- 6 ~ 222 mm (optisch 37x) Objektiv
- 0,01 Lux bei F1,5 (Farbe), 0 Lux (S/W, IR-LED an)
- Max. IR-Leuchtweite: 350 m (1.148 ft)
- Tag & Nacht (ICR), WDR (max. 150 dB)
- Digitale Bildstabilisierung (DIS) & Schockerkennung mit integriertem Gyrosensor
- Intelligente Videoanalyse / Audioanalyse, Entnebelung
- H.265-, H.264-, MJPEG-Komprimierung unterstützt
- Mehrfach-Streaming, WiseStream II unterstützt
- 1 Micro-SD- /SDHC- /SDXC-Steckplatz (bis zu 256 GB)
- IP66, IK10

### Compatible Devices



SBP-300B



SBP-300PM



SBP-300NB



SBP-300LM



SBP-300CM



SBP-300WM1



SBP-300WM



SBP-300KM

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### Specifications

| Video                         |                       |                                                                                                                   |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| Imaging Device                | Size                  | 1/2"                                                                                                              |
|                               | Type                  | CMOS                                                                                                              |
| Resolution                    |                       | 1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240 |
| Max. Framerate                | H.265/H.264           | 60fps/50fps(60Hz/50Hz)                                                                                            |
|                               | MJPEG                 | 30fps                                                                                                             |
| Min. Illumination (Lux)       | Color(1/30sec, 30IRE) | 0.01                                                                                                              |
|                               | BW(1/30sec, 30IRE)    | 0.001                                                                                                             |
| Video Out                     |                       | CVBS: 1.0 Vp-p / 75Ω composite for installation                                                                   |
| Lens                          |                       |                                                                                                                   |
| Focal Length (mm)             |                       | 6~222                                                                                                             |
| Zoom Ratio                    | Optical               | 37x                                                                                                               |
| Max Aperture Ratio (F number) | Wide                  | 1.5                                                                                                               |
|                               | Tele                  | 4.6                                                                                                               |
| Angular Field of View         | Horizontal            | 59.3°~1.90°                                                                                                       |
|                               | Vertical              | 35.8°~1.1°                                                                                                        |
| Min. Object Distance          |                       | 1.5m(4.92ft)                                                                                                      |
| Focus Control                 |                       | Auto, Manual, Oneshot AF                                                                                          |
| Lens Type                     |                       | DC auto iris                                                                                                      |
| Pan / Tilt / Rotate           |                       |                                                                                                                   |
| Pan / Tilt / Rotate Range     | Pan                   | 0°~360°                                                                                                           |
|                               | Tilt                  | -5°~185°                                                                                                          |
| Pan Speed                     | Preset                | Max. 400°/sec                                                                                                     |
|                               | Manual                | 0.024°/sec~250°/sec                                                                                               |
| Tilt Speed                    | Preset                | Max. 300°/sec                                                                                                     |
|                               | Manual                | 0.024°/sec~250°/sec                                                                                               |
| Sequence                      |                       | Preset(300ea), Swing, Group(6ea), Trace, Tour, Auto Run, Schedule                                                 |
| Preset Accuracy               |                       | ±0.2°                                                                                                             |

## Operational

|                                          |                |                                                                                                                                                              |
|------------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Direction Indicator                      |                | Support                                                                                                                                                      |
| Day & Night                              |                | Auto(ICR)                                                                                                                                                    |
| Backlight Compensation                   |                | BLC, HLC, WDR, SSDR                                                                                                                                          |
| Wide Dynamic Range (dB)                  |                | 150                                                                                                                                                          |
| Digital Noise Reduction                  |                | SSNR V                                                                                                                                                       |
| Digital Image Stabilization              |                | Support(built-in gyro sensor)                                                                                                                                |
| Defog                                    |                | Support                                                                                                                                                      |
| Motion Detection                         | Quantity       | 8ea                                                                                                                                                          |
|                                          | Shape          | 8point Polygonal zones                                                                                                                                       |
| Privacy Masking                          | Quantity       | 32ea                                                                                                                                                         |
|                                          | Shape          | Rectangular zones                                                                                                                                            |
|                                          | Color / Option | Gray, Green, Red, Blue, Black, White, Mosaic                                                                                                                 |
| Gain Control                             |                | Low, Middle, High                                                                                                                                            |
| White Balance                            |                | ATW, AWC, Manual, Indoor, Outdoor                                                                                                                            |
| Electronic Shutter                       | Mode           | Minimum, Maximum, Anti flicker                                                                                                                               |
|                                          | Speed Range    | 2~1/12,000sec                                                                                                                                                |
| Video Rotation                           |                | Flip, Mirror                                                                                                                                                 |
| Serial Interface                         |                | RS-485(Samsung-T, Pelco-D/P, Panasonic, Bosch, AD, GE, Vicon, Honeywell)                                                                                     |
| Alarm Interface                          | In/Out         | Input 4ea / Output 2ea                                                                                                                                       |
| Alarm Triggers                           |                | Analytics, Network disconnect, Alarm input                                                                                                                   |
| 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,Alarm output,<br>Handover: PTZ preset |
| Audio In                                 |                | Selectable(mic in/line in)                                                                                                                                   |
| Audio Out                                |                | Line out                                                                                                                                                     |
| Light Type                               |                | IR LED                                                                                                                                                       |
| Light Viewable Length                    | IR             | 350m(1,148.29ft)                                                                                                                                             |
| IR Wavelength                            |                | 850nm                                                                                                                                                        |

## Analytics

|                  |        |                                                                                                                                                                                                                        |
|------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Analytics Events | Normal | Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Shock detection, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) |
|------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Network

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

## Network

|                                   |                    |                                                                                                                                                                                                                              |
|-----------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                       |                    | Manual, WiseStream II                                                                                                                                                                                                        |
| Bitrate Control                   |                    | H.265/H.264: CBR or VBR,<br>MJPEG: VBR                                                                                                                                                                                       |
| Streaming                         | Unicast            | Up to 20 users                                                                                                                                                                                                               |
|                                   | Multicast          | Support                                                                                                                                                                                                                      |
|                                   | Multiple Streaming | Up to 10 profiles                                                                                                                                                                                                            |
| Protocol                          |                    | IPv4, IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS,<br>SSL/TLS, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS,<br>UPnP, Bonjour, LLDP, SRTP(TCP, UDP Unicast), NTCIP 1205 |
| Application Programming Interface | ONVIF              | S, G                                                                                                                                                                                                                         |
|                                   | Others             | SUNAPI(HTTP API), Hanwha Vision Open Platform                                                                                                                                                                                |

## Security

|                        |                                        |
|------------------------|----------------------------------------|
| User authentication    | Digest authentication                  |
| 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 |

## General

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

## Environmental & Electrical

|                               |             |                           |
|-------------------------------|-------------|---------------------------|
| Operating Condition           | Temperature | -50°C~+55°C(-58°F~+131°F) |
| Storage Condition             | Temperature | -50°C~+60°C(-58°F~+140°F) |
|                               | Humidity    | 0~90% RH(non-condensing)  |
| EPA(Effective Projected Area) |             | 0.072m <sup>2</sup>       |
| Input Voltage                 |             | 24VAC                     |
| Power Consumption             | 24VAC       | Max 90W                   |

## Mechanical

|                    |                             |
|--------------------|-----------------------------|
| Color              | Ivory, Black                |
| Material           | Aluminum, Plastic           |
| Product Dimensions | ø236.9x407.7mm(9.33x16.05") |
| Product Weight     | 7.1kg(15.65lb)              |

## Certifications & Standards

|             |                                |
|-------------|--------------------------------|
| Environment | IEC 60529 IP66, IEC 62262 IK10 |
|-------------|--------------------------------|

## DORI (EN62676-4 standard)

|                           |      |                   |
|---------------------------|------|-------------------|
| Detect (25PPM/ 8PPF)      | Wide | 67.5m(221.3ft)    |
|                           | Tele | 2315.7m(7597.6ft) |
| Observe (63PPM/ 19PPF)    | Wide | 27m(88.5ft)       |
|                           | Tele | 926.3m(3039ft)    |
| Recognize (125PPM/ 38PPF) | Wide | 13.5m(44.3ft)     |
|                           | Tele | 463.1m(1519.5ft)  |
| Identify (250PPM/ 76PPF)  | Wide | 6.7m(22.1ft)      |
|                           | Tele | 231.6m(759.8ft)   |

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**CAD**

Unit: mm [inch]

