

XNF-8010RV

6MP H.265 Fisheye Camera

Network



FC | | CE | EAC

Key Features

- Max. 2048 x 2048 resolution
- H.265, H.264, MJPEG codec supported
- Fisheye, Single panorama, Double panorama, Quad view
- On board dewarping, Digital PTZ (8x), Bi-directional audio
- True WDR (120dB), WiseStream II support
- Video Analytics, Heatmap, People counting
- Queue management
- Motion detection, Handover, M12 (8010RVM), IP66/IK10

Compatible Accessories (Optional)



SBP-300HM5



SHD-1600FPW



SBP-300TM1



SBF-100B1



SBP-390WM2



SBP-300WM1



SBP-300WM



SBP-300B



SBP-300PM



SBP-300LM



SBP-300KM



SBP-300NB



SBP-300CM

| Video | |
|---------------------------|--|
| Imaging Device | 1/1.8" 6M CMOS |
| Resolution | Original view: 2048x2048, 1280x1280, 1080x1080, 960x960, 768x768, 720x720, 640x640, 480x480 Single panorama: 2048x512, 1920x480, 1280x320, 640x160, 704x176 Double panorama: 2048x1024, 1920x960, 1280x640, 640x320, 704x352 Quad view: 2048x1536, 1600x1200, 1280x960, 1024x768, 800x600, 640x480, 704x576 Q1/2/3/4: 1024x768, 800x600, 640x480 |
| Max. Framerate | H.264/H.265 : 30fps/25fps@2048x2048(60Hz/50Hz) MJPEG : Max 15fps |
| Min. Illumination | Color: 0.1 Lux (F1.6, 1/30sec), BW: 0 Lux (IR LED On) |
| Video Out | CVBS: 1.0 Vp-p / 75Ω composite, 714x480(N), 702x576(P) for Installation USB: Micro USB Type B, for installation |
| Lens | |
| Focal Length (Zoom Ratio) | 1.6mm fixed focal |
| Max. Aperture Ratio | F1.6 |
| Angular Field of View | H: 192 / V: 192 / D: 192 |
| Min. Object Distance | 0.3m |
| Focus Control | Simple remote control focus via network |
| Operational | |
| Camera Title | Displayed up to 85 characters |
| Day & Night | Auto(ICR) |
| Backlight Compensation | BLC, HLC, WDR, SSSDR |
| Wide Dynamic Range | 120dB |
| Digital Noise Reduction | SSNR V |
| Defog | Support |
| Motion Detection | 8ea, 8point polygonal zones |
| Privacy Masking | 32ea, Quadrangle zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic |
| Gain Control | Low / Middle / High |
| White Balance | ATW / AWC / Manual / Indoor / Outdoor |
| Electronic Shutter Speed | Minimum / Maximum / Anti flicker (2~1/12,000sec) |
| Video Rotation | Flip, Mirror |
| Analytics | Directional detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification |
| Business Intelligence | People counting, Queue management, Heatmap |
| 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/built-in mic) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm |
| Audio Out | Line out, Max.output level: 1Vrms |
| IR Viewable Length | 15m(49.21ft) |
| Radiometry | |
| Temperature Accuracy | G.711 u-law /G.726 Selectable G.726(ADPCM) 8KHz, G.711 8KHz G.726: 16Kbps, 24Kbps, 32Kbps, 40Kbps AAC-LC: 48Kbps at 16KHz |
| 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 16KHz |
| Smart Codec | Manual(5ea area), WiseStream II |
| Bitrate Control | H.264/H.265: CBR or VBR MJPEG: VBR |
| Streaming | 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(Unicast) |
| Security | HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP) |
| Application Programming Interface | ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform |
| General | |
| Webpage Language | English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek |
| Edge Storage | Micro SD/SDHC/SDXC 2slot 512GB |
| Memory | 1024MB RAM, 256MB Flash |
| Environmental & Electrical | |
| Operating Temperature / Humidity | -40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH |
| Storage Temperature / Humidity | -50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH |
| Certification | IP66, IK10 EN55011:2009+A1:2010, EN50581:2012,EN50121-3-2:2015, EN61000-4-2:2009, EN61000-4-3:2006+A2:2010, EN61000-4-4:2012, EN61000-4-5:2014 EN61000-4-6:2009, EN50155:2007 |
| Input Voltage | PoE(IEEE802.3af, Class3), 12VDC |
| Power Consumption | PoE: Max 12.95W 12VDC: Max 12W |

Mechanical

| | |
|------------------------------------|---|
| Color / Material | Ivory / Aluminum |
| Product Dimensions / Weight | Ø146x65.8mm(Ø5.75x2.59"), 785g(1.73 lb) |

- The latest product information / specification can be found at hanwha-security.com
- Design and specifications are subject to change without notice.
- Wisenet is the proprietary brand of Hanwha Techwin, formerly known as Samsung Techwin.

