



Network

Fisheye

# XNF-8010RVM

6MP H.265 Fisheye Camera



## 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
- Memory slot(Max. 512GB), IR viewable length 15m(49.21ft)

## Compatible Accessories (Optional)



SBP-300HM5



SHD-1600FPW



SBP-300TM1



SBF-100B1



SBP-390WM2



SBP-300WM



SBP-300WM1



SBP-300NB



SBP-300KM



SBP-300PM



SBP-300LM



SBP-300B



SBP-300CM



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## Specifications

### Video

<b>Imaging Device</b>	1/1.8" 6M CMOS
<b>Resolution</b>	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
<b>Max. Framerate</b>	H.264/H.265 : 30fps/25fps@2048x2048(60Hz/50Hz) MJPEG : Max 15fps
<b>Min. Illumination</b>	Color: 0.1 Lux (F1.6, 1/30sec), BW: 0 Lux (IR LED On)
<b>Video Out</b>	CVBS: 1.0 Vp-p / 75Ω composite, 714x480(N), 702x576(P) for Installation USB: Micro USB Type B, for installation

### Lens

<b>Focal Length (Zoom Ratio)</b>	1.6mm fixed focal
<b>Max. Aperture Ratio</b>	F1.6
<b>Angular Field of View</b>	H: 192 / V: 192 / D: 192
<b>Min. Object Distance</b>	0.3m
<b>Focus Control</b>	Simple remote control focus via network

### Operational

<b>Camera Title</b>	Displayed up to 85 characters
<b>Day &amp; Night</b>	Auto(ICR)
<b>Backlight Compensation</b>	BLC, HLC, WDR, SSSDR
<b>Wide Dynamic Range</b>	120dB
<b>Digital Noise Reduction</b>	SSNR V
<b>Defog</b>	Support
<b>Motion Detection</b>	8ea, 8point polygonal zones
<b>Privacy Masking</b>	32ea, Quadrangle zones - Color: Grey/Green/Red/Blue/Black/White - Mosaic
<b>Gain Control</b>	Low / Middle / High
<b>White Balance</b>	ATW / AWC / Manual / Indoor / Outdoor
<b>Electronic Shutter Speed</b>	Minimum / Maximum / Anti flicker (2~1/12,000sec)
<b>Video Rotation</b>	Flip, Mirror
<b>Analytics</b>	Directional detection, Motion detection, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification
<b>Business Intelligence</b>	People counting, Queue management, Heatmap
<b>Alarm I/O</b>	Input 1ea / Output 1ea
<b>Alarm Triggers</b>	Analytics, Network disconnect, Alarm input
<b>Alarm Events</b>	File upload via FTP and e-mail Notification via e-mail SD/SDHC/SDXC or NAS recording at event triggers Alarm output
<b>Audio In</b>	Selectable(mic in/line in/built-in mic) Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm
<b>Audio Out</b>	Line out, Max.output level: 1Vrms
<b>IR Viewable Length</b>	15m(49.21ft)

## Radiometry

<b>Temperature Accuracy</b>	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
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## Network

<b>Ethernet</b>	M12
<b>Video Compression</b>	H.265/H.264: Main/Baseline/High, MJPEG
<b>Audio Compression</b>	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
<b>Smart Codec</b>	Manual(Sea area), WiseStream II
<b>Bitrate Control</b>	H.264/H.265: CBR or VBR MJPEG: VBR
<b>Streaming</b>	Multiple streaming(Up to 10 profiles)
<b>Protocol</b>	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)
<b>Security</b>	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log 802.1X Authentication(EAP-TLS, EAP-LEAP)
<b>Application Programming Interface</b>	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform

## General

<b>Webpage Language</b>	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Portuguese, Czech, Polish, Turkish, Dutch, Hungarian, Greek
<b>Edge Storage</b>	Micro SD/SDHC/SDXC 2slot 512GB
<b>Memory</b>	1024MB RAM, 256MB Flash

## Environmental & Electrical

<b>Operating Temperature / Humidity</b>	-40°C ~ +55°C (-40°F ~ +131°F) / Less than 90% RH
<b>Storage Temperature / Humidity</b>	-50°C ~ +60°C(-58°F ~ +140°F) / Less than 90% RH
<b>Certification</b>	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
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3), 12VDC
<b>Power Consumption</b>	PoE: Max 12.95W 12VDC: Max 12W

## Mechanical

<b>Color / Material</b>	Ivory / Aluminum
<b>Product Dimensions / Weight</b>	Ø146x65.8mm(Ø5.75x2.59"), 790g(1.74 lb)

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CAD

Unit: mm [inch]

