



Network

Bullet

# XNO-8080R

5M H.265 IR Bullet Camera



## Key Features

- 3.7 ~ 9.4mm (2.5x) motorized varifocal lens
- Maximum 30fps@all resolutions (H.265/H.264)
- Loitering, Directional detection, Fog detection
- Digital auto tracking, Sound classification
- Motion detection, Handover, Tampering
- Dual SD slots (512GB)
- WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10

## Compatible Devices



SBP-302PM

## XNO-8080R

5M H.265 IR Bullet Camera



### Specifications

#### Video

Imaging Device	Size	1/1.8"
	Type	CMOS
Resolution	2560x1920, 2560x1440, 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
Min. Illumination (Lux)	Color(1/30sec, 30IRE)	0.07
	BW(1/30sec, 30IRE)	0.007
Video Out	CVBS: 1.0 Vp-p / 75Ω composite for installation, USB: Micro USB Type B	

#### Lens

Focal Length (mm)	3.7~9.4	
Zoom Ratio	Optical	2.5x
Max Aperture Ratio (F number)	Wide	1.2
Angular Field of View	Horizontal	100.2°~38.7°
	Vertical	72.2°~29.0°
	Diagonal	132.0°~48.6°
Min. Object Distance	0.5m(1.64ft)	
Focus Control	Simple focus	
Lens Type	DC auto iris, P iris(IR corrected)	

#### Operational

Day & Night	Auto(ICR)
Backlight Compensation	BLC, HLC, WDR, DWDR, SSSDR
Wide Dynamic Range (dB)	120
Digital Noise Reduction	SSNR V
Digital Image Stabilization	Support
Defog	Support

## Operational

<b>Motion Detection</b>	Quantity	8ea
	Shape	8point Polygonal zones
<b>Privacy Masking</b>	Quantity	32ea
	Shape	Polygonal zones
	Color / Option	Gray, Green, Red, Blue, Black, White, Mosaic
<b>Gain Control</b>		Low, Middle, High
<b>White Balance</b>		ATW, AWC, Manual, Indoor, Outdoor
<b>LDC</b>		Support
<b>Electronic Shutter</b>	Mode	Minimum, Maximum, Anti flicker
	Speed Range	2~1/12,000sec
<b>Video Rotation</b>		Flip, Mirror, Hallway view(90°/270°)
<b>Alarm Interface</b>	In/Out	Input 1ea, Output 1ea
<b>Alarm Triggers</b>		Analytics, Network disconnect, Alarm input
<b>Alarm Events When Alarm Trigger Occurred</b>		File upload(image): e-mail/FTP, Notification: e-mail, Recording: SD/SDHC/SDXC or NAS recording at event triggers,Alarm output, Handover: PTZ preset,send message by HTTP/HTTPS/TCP
<b>Audio In</b>		Selectable(mic in/line in)
<b>Audio Out</b>		Line out
<b>Light Type</b>		IR LED
<b>Light Viewable Length</b>	IR	50m(164.04ft)
<b>IR Wavelength</b>		850nm

## Analytics

<b>Analytics Events</b>	Normal	Defocus detection, Motion detection, Tampering, Fog detection, Face detection, Audio detection, Sound classification, Virtual area(Lotering, Intrusion, Enter/Exit, Appear/Disappear), Virtual line(Crossing, Direction) , Digital auto tracking
-------------------------	--------	--

## Network

<b>Ethernet</b>		RJ-45(10/100BASE-T)
<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, WiseStream II
<b>Bitrate Control</b>		H.265/H.264: CBR or VBR, MJPEG: VBR
<b>Streaming</b>	Unicast	Up to 20 users
	Multicast	Support
	Multiple Streaming	Up to 10 profiles

## Network

<b>Protocol</b>		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, LLDP, SRTP(TCP, UDP Unicast), PIM-SM
<b>Application Programming Interface</b>	ONVIF	S, G, T
	Others	SUNAPI(HTTP API), Hanwha Vision Open Platform

## Security

<b>User authentication</b>	Digest authentication
<b>Network authentication</b>	IEEE 802.1X(EAP-TLS, EAP-LEAP)
<b>Access Control</b>	IP-based access control
<b>Audit</b>	Access / System / Event Log management

## General

<b>Memory</b>	RAM	1GB
	Flash	256MB
<b>Edge Storage</b>	Micro SD/SDHC/SDXC	Max. 256GB x 2slot(Total 512GB)

## Environmental & Electrical

<b>Operating Condition</b>	Temperature	-40°C~+55°C(-40°F~+131°F)
	Humidity	0~90% RH(non-condensing)
<b>Storage Condition</b>	Temperature	-50°C~+60°C(-58°F~+140°F)
	Humidity	0~90% RH(non-condensing)
<b>Input Voltage</b>	PoE(IEEE802.3af, Class3), 24VAC, 12VDC	
<b>Power Consumption</b>	PoE	Max 12.95W
	12VDC	Max 12.5W
	24VAC	Max 14.5W

## Mechanical

<b>Color</b>	Dark grey
<b>Material</b>	Aluminum
<b>Product Dimensions</b>	Ø91x368.6mm(Ø6.3x4.67")
<b>Product Weight</b>	2180g(4.8lb)

## Certifications & Standards

<b>Environment</b>	IEC 60529 IP66, IEC 60529 IP67, IEC 62262 IK10, NEMA 250 type 4X
--------------------	--

# XNO-8080R

5M H.265 IR Bullet Camera



CAD

Unit: mm [inch]

