

Video		 Hanwha XNO-6080R
Imaging Device	1/2.8" 2MP CMOS	
Effective Pixels	1945(H)x1109(V)	
Min. Illumination	Color: 0.015 lux(F1.4, 1./30sec)	
	B/W: 0 Lux (IR LED On)	
Video Out	CVBS: 1.0 Vp-p / 75Ω composite, 720x480(N), 720x576(P), for installation	
	USB: Micro USB Type B, 1280x720, for installation	
Lens		
Focal Length (Zoom Ratio)	2.8~12mm(4.3x) motorized varifocal	
Max. Aperture Ratio	F1.4(Wide) ~ F3.6(Tele)	
Angular Field of View	H: 119.5°(Wide)~27.9°(Tele), V: 62.8°(Wide)~15.7°(Tele), T: 142.1°(Wide)~32.0°(Tele)	
Min. Object Distance	0.5m(1.64ft)	
Focus Control	Simple focus	
Lens Type	DC auto iris, P iris	
Operational		
IR Viewable Length	50m(164.04ft)	
Camera Title	Displayed up to 85 characters	
Day & Night	Auto(ICR)	
Backlight Compensation	BLC, HLC, WDR, DWDR, SSDR	
Wide Dynamic Range	150dB	
Digital Noise Reduction	SSNRV	
Digital Image Stabilization	Support	
Defog	Support	
Motion Detection	8ea, 8point polygonal zones	
Privacy Masking	32ea, polygonal zones	
	- Color: Grey/Green/Red/Blue/Black/White - Mosaic	
Gain Control	Low / Middle / High	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
LDC	Support	
Electronic Shutter Speed	Minimum / Maximum / Anti flicker (2~1/12,000sec)	
Video Rotation	Flip, Mirror, Hallway view(90°/270°)	
Analytics	Defocus detection, Directional detection, Fog detection, Face detection, Motion detection, Digital auto tracking, Appear/Disappear, Enter/Exit, Loitering, Tampering, Virtual line, Audio detection, Sound classification	
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 Handover	
Audio In	Selectable(Mic in/Line in), Supply voltage: 2.5VDC(4mA), Input impedance: 2K Ohm	
Audio Out	Line out, Max. output level: 1Vrms	
Network		
Ethernet	RJ-45(10/100BASE-T)	
Video Compression	H.265/H.264: Main/Baseline/High, MJPEG	
Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600, 800x448, 720x576, 720x480, 640x480, 640x360, 320x240	
Max. Framerate	H.265/H.264 : Max. 60fps/50fps(60Hz/50Hz)	
	MJPEG: Max. 30fps/25fps(60Hz/50Hz)	
Smart Codec	Manual(5ea area)	
	WiseStreamII	
Bitrate Control	H.264/H.265: CBR or VBR	
	MJPEG: VBR	
Streaming	Unicast(20 users) / Multicast	
	Multiple streaming(Up to 10 profiles)	
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	
Protocol	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-; ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour , LLDP, SRTP	
Security	HTTPS(SSL) Login Authentication	
	Digest Login Authentication	
	IP Address Filtering	
	User access Log	
Edge Storage	802.1X Authentication(EAP-TLS, EAP-LEAP)	
	Micro SD/SDHC/SDXC 2slot 512GB	
Application Programming Interface	ONVIF Profile S/G/T SUNAPI(HTTP API) Wisenet open platform	
Web Viewer	Supported OS: Windows 7, 8.1, 10, Mac OS X 10.10, 10.11, 10.12	
	Recommended Browser: Google Chrome	
	Supported Browser: MS Explore11, MS Edge, Mozilla Firefox(Window 64bit only), Apple Safari(Mac OS X only)	
Memory	1024MB RAM, 256MB Flash	
Environmental		
Operating Temperature /	-40°C ~ +55°C(-40°F ~ +131°F) / Less than 90% RH	
Certification	IP67/IP66/NEMA4X, IK10	
Electrical		
Input Voltage	PoE(IEEE802.3af, Class3), 12VDC, 24VAC	
Power Consumption	PoE: Max 12.95W	
	12VDC: Max 12W	
	24VAC: Max 15W	
Mechanical		
Color / Material	Dark grey / Aluminum	
Product dimensions / weight	Ø91x368.6mm(Ø3.85"x14.51"), 2180g(4.8 lb)	