

# DynaHawk™ X5 Series

Full HD Multiple Streams Ultra-WDR IR Bullet IP Camera

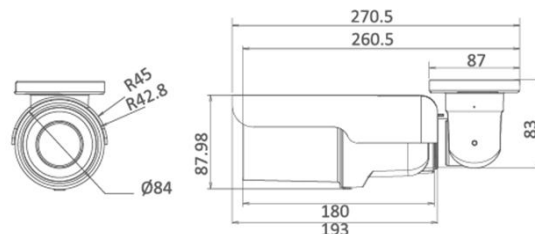


network DynaHawk X5™ series Multiple Streams Ultra Dynamic Range Bullet IP Cameras equip with Sony Xarina DSP which supports up to 1080p @ 60fps. In addition to the superior Full HD image quality, the advantage of high FPS is to catch more little movements of speedy objects.

Ultra Dynamic Range technology is capable to combines two (or four) pictures into one to deliver clear images under extreme high contrast environments. Moreover, the built-in IR LEDs ensure the night vision even when it is under zero lux. The cable management

## ■ Key Features

- Progressive Scan CMOS Sensor
- Quad Streams Support
- Dual Streams, Full HD 1080P Real-time + D1 Real-time
- Quad Streams Compression: H.264 Baseline / Main / High Profile + MJPEG
- Multi-language Support
- Tampering Alarm
- Wide Dynamic Range
- Remote Zoom & Focus (Motorized Lens)\*
- Motion Detection
- Privacy Masks
- 2DNR / 3DNR
- Vertical View Mode (Image rotation by 90 degrees)
- Smart IR Mode
- Network Failure Detection
- Day/Night (ICR)
- IR LED Module (working distance up to 25 m)
- microSD Support
- Weatherproof (IP66 International)
- Sunshield\*
- Integrated Mounting Bracket with Cable Management
- ONVIF Support



# DynaHawk™ X5 Series - Ultra-WDR IR Bullet IP Camera

Camera	X05B-5		X057-5		X056-5	
Image Sensor	1/1.9" Sony Progressive CMOS		1/2.8" Sony Progressive CMOS		1/3" Sony Progressive CMOS	
Effective Pixels	1920(H) x 1080(V)		1920(H) x 1080(V)		1280(H) x 1024(V)	
Shutter Speed			1 ~ 1/10000 sec.			
<b>Lens</b>						
Lens Type	Vari-focal Motorized vari-focal	Vari-focal Motorized vari-focal	Vari-focal Motorized vari-focal	Auto focus	Vari-focal Motorized vari-focal	Auto focus
Focal Length	3.3 ~ 8 mm	7 ~ 22 mm	3 ~ 10.5 mm	3 ~ 9 mm	3 ~ 10.5 mm	3 ~ 9 mm
F Number	F 1.5	F 1.4	F 1.4	F 1.2 (Wide); F2.1 (Tele)	F 1.4	F 1.2 (Wide); F2.1 (Tele)
FOV	TBD	TBD	93.2° (Wide); 31.9° (Tele)	135.6° (Wide); 45.5° (Tele)	75.6° (Wide); 28.7° (Tele)	92.93° (Wide); 30.9° (Tele)
Minimum Illumination	TBD	TBD	TBD	0.01 lux (color); 0.001 lux (B/W)	TBD	TBD
<b>Operation</b>						
Multiple Languages	English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Portuguese / Japanese / Spanish					
Iris Control*	DC Iris	DC Iris	DC Iris	DC Iris / P-Iris	DC Iris	DC Iris / P-Iris
Backlight Compensation	On/Off					
White Balance	Auto / Manual / ATW / Indoor / Outdoor					
Noise Reduction	3D/2D	Low / Middle / High / Off				
Wide Dynamic Range	Shutter WDR (96dB)		Shutter WDR (96dB)		Shutter WDR (120dB)	
Privacy Mask	On/Off					
Brightness	Manual					
Exposure	Auto / Manual					
Sharpness	Manual					
Contrast	Manual					
Saturation	Manual					
Hue	Manual					
Digital Zoom	Support					
Motion Detection	On / Off / By Schedule					
Privacy Mask Type	Color					
ICR	Auto / Day / Night / Smart					
ICR + IR LED*	Auto / LED On / LED Off / Light Sensor					
Tampering Alarm	On / Off / By Schedule					
Digital Image Stabilization (DIS)	On/Off					
Audio	Two-way Audio		Line In / Line Out			
Compression	G.711/G.726					
<b>Network</b>						
Interface	RJ-45, 10/100/1000 Mbps Ethernet					
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG					
Dual Streams	PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps) NTSC: H.264 1080P(60 fps) + H.264 D1 (30 fps) H.264 1080P(60 fps) + MJPEG VGA (30 fps)				H.264 720P(50/60 fps) + H.264/MJPEG SVGA(50/60 fps)	
Quad Streams	H.264 1080P(25/30 fps) + H.264 720P(25/30 fps) + H.264 720P(25/30 fps) + H.264/MJPEG CIF(25/30 fps)				H.264 SXGA(25/30 fps) + H.264 720P(25/30 fps) + H.264 SVGA(25/30 fps) + H.264/MJPEG CIF(25/30 fps)	
Video Resolution	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps or 25/30fps (2 shutter WDR)				SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps (2 shutter WDR) or 25/30fps (4 shutter WDR)	
Protocol	ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF					
Security	HTTPS / IP Filter / IEEE 802.1X					
Alarm	Input	1 Set 5V 10kΩ pull up				
	Output	1 Set Photo Relay Output 300V DC/AC				
Event Notification	HTTP / FTP / SMTP					
Micro SD	microSDHC 32GB support					
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari					
User Account	20					
Password Levels	User and Administrator					
<b>Mechanical</b>						
Built-in IR Illuminator*	Working Distance	up to 25 m				
	Wavelength	850 nm				
	Number of LEDs	24				
LED Indicator	Power / Link / ACT					
Connectors	Alarm	4 Pin Terminal Block				
	Power	3 Pin Terminal Block				
	Ethernet	RJ-45				
	Analog Video	1.0 Vp-p / 75 Ω, BNC				
	Audio	Stereo phone jack, Φ 3.5 mm				
<b>General</b>						
Operating Temperature	-40°C ~ 50°C (14° ~ 122°F)					
Humidity	10% ~ 90%, No Condensation					
Weatherproof Standard*	IP66					
Dimension	w/o Sunshield	Ø 84 x 260 mm (Ø 3.3 x 7.1 in.)				
	w/ Sunshield	Ø 90 x 270 mm (Ø 3.3 x 7.6 in.) w/ Sunshield				
Weight	940 g (2.07 lb)					
Power Source	DC 12V / AC 24V / PoE or AC 24V / PoE+					
Power Consumption	System	Vari-foacl 5.4W / Motorized vari-focal 6.9 W / Auto focus 8W				
	LED	2.5W				
	Heater	7W				
Regulatory	CE / FCC / RoHS					

\* mark for optional items

Product specification and availability are subject to change without notice.



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