

# DynaHawk™ XM Series

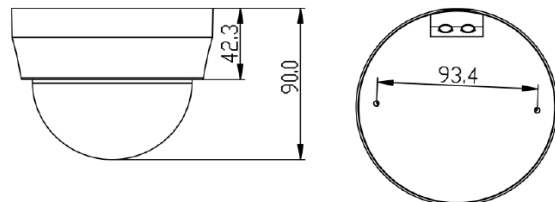
Full HD Multiple Streams Ultra-WDR Mini Dome Camera



The Full HD Multiple Streams Ultra-WDR Mini Dome IP Camera is an easy setup camera with PoE supported to reduce complicate cabling without sacrificing performance. Quad Streams Compression (H.264 Baseline / Main / High Profile + MJPEG) are supported for efficient bandwidth and storage management. The H.264 encoder performance is up to 1080P 60 fps. Also, the product series can supply Dual Full HD 1080P Real-time streaming. With more computing power, the IP camera could provide more flexibility for users and system managers. The camera also supports Shutter WDR function, which can provide high quality images under extreme light contrast or light changing scenarios.

## Key Features

- Sony Progressive Scan CMOS Sensor
- 1.3M / 2M Resolution\*
- Quad Streams Support
- Dual Streams- Full HD 1080P Real-time + Full HD 1080P Real-time
- Quad Stream Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multi-language Support
- Tampering Alarm
- Ultra Dynamic Range
- Motion Detection
- Privacy Masks
- 3D / 2D Noise Reduction
- Network Failure Detection
- Day/Night (ICR)
- IR LED Module (working distance up to 25 m)\*
- Digital Image Stabilizer (DIS)
- BNC Analog Output\*
- Weatherproof (IP66 International)\*
- microSD Support
- ONVIF Support



# DynaHawk™ XM Series - Mini Dome IP Camera

Camera	X05B-M	X057-M	X056-M
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)
Minimum Illumination	TBD		
Shutter Speed	1 ~ 1/10000 sec.		
<b>Lens</b>			
Lens	Motorized / Varifocal Lens	3X AF Lens / Motorized Lens / Vari-focal Lens	
Focal Length	3.3-8 mm	3X AF - 3-9 mm Motorized / Vari-focal - 3-10.5 mm	
F Number	3.3-8 mm - F1.5	3X AF - F1.2 Motorized / Vari-focal 3-10.5 mm - F1.4	
FOV	115° (H)	3X AF - 107.2° (H) Motorized / Vari-focal 3-10.5 mm - 93.2° (H)	3X AF - 95.1° (H) Motorized / Vari-focal 3-10.5 mm - 75.6° (H)
<b>Operation</b>			
Multiple Languages	English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Portuguese / Spanish / Japanese		
Iris Control*	Vari-focal / Motorized - DC-Iris 3X AF - P-Iris / DC-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 / On / Off / Smart		
ICR + IR LED*	Auto / LED On / LED Off / Smart IR / 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 (Giga 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 / MJPEG D1 (30 fps)		H.264 720P(50/60 fps) + H.264/MJPEG 720P(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/Authorization	HTTPS / IP Filter / IEEE 802.1X		
Input	1 Set		
Output	5V 10kΩ pull up 1 Set		
Event Notification	Photo Relay Output 300V DC/AC		
Micro SD	HTTP / FTP / SMTP		
Supported Web Browser	microSDHC 32GB support		
User Account	Internet Explorer (6.0+) / Chrome / Firefox / Safari		
Password Levels	20		
	User and Administrator		
<b>Mechanical</b>			
Built-in IR Illuminator*	Working Distance	Up to 25m	
	Wavelength	850 nm	
	Number of LEDs	21	
LED indicator	Power / Link / ACT		
Type	Indoor		Outdoor
Alarm	4 of 8 Pin Terminal Block (Female)		4 Pin Terminal Block (Male)
Power	3 Pin Terminal Block (Female)		3 Pin Terminal Block (Male)
Ethernet	RJ-45		RJ-45
Analog Video	1.0 Vp-p / 75 Ω / BNC cable* (Installation purpose)		1.0 Vp-p / 75 Ω / BNC cable
Audio	4 of 8 Pin Terminal Block (Female)		Stereo phone jack, Ø 3.5 mm
<b>General</b>			
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)		
Humidity	10% ~ 90%, No Condensation		
Weatherproof Standard*	IP66		
Dimension	Ø 117 x 90 mm (Ø 4.6 x 3.6 in.)		
Weight	280 g		
Power Source	PoE / DC 12V / AC 24 V		
Power Consumption	System: 7.5W (Built-in IR Illuminator: +2.5W, 3X Zoom Lens: +2W, Motorized Lens: +2W)		
Regulatory	FCC / EMC / LVD / RoHS		

\* mark for optional items

Product specification and availability are subject to change without notice.