

# DynaHawk™ W5 Series

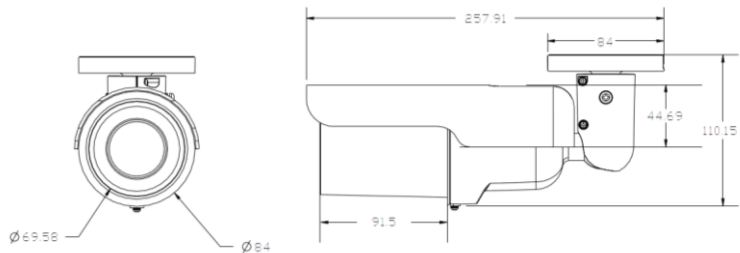
Full HD Multiple Streams Bullet IP Camera



Network DynaHawk W5 series Full HD Multiple Streams Bullet IP Cameras support both H.264 and MJPEG compression. In addition to the superior Full HD image quality, the built-in IR LEDs ensure the night vision even when it is under zero lux. The cable management bracket not only saves the time on installation but also keeps the cables from sabotage. With the international IP66 rating and weather-proof design, the Bullet IP camera can perform stably in harsh environments.

## 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
- Color NR / 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)
- micro SD Support
- Weatherproof (IP66 International)
- Sunshield
- Integrated Mounting Bracket with Cable Management
- ONVIF Support



# DynaHawk™ W5 Series - Bullet IP Camera

Camera	W3S1-5	W3V6-5	W3A2-5
Image Sensor	1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS	1/2.5" Progressive CMOS
Effective Pixels	2048(H) x 1536(V)	2688(H) x 1520(V)	2592 (H) x 1944 (V)
Shutter Speed		1 ~ 1/10000 sec.	
<b>Lens</b>			
Lens type	Motorized vari-focal	3x Optical Zoom, Auto Focus	Motorized vari-focal
Focal Length	3 ~ 10.5 mm	3 ~ 9 mm	3.3 ~ 10.5 mm
F Number	F 1.4	F 1.2(W) - F 2.1(T)	F 1.4
FOV	90° (Wide); TBD (Tele)	99.8° (Wide); 35.2° (Tele)	109° (Wide); 33° (Tele)
Minimum Illumination	0.2 lux (Color); 0.02 lux (B/W)	0.2 lux (Color); 0.02 lux (B/W)	TBD
<b>Operation</b>			
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese		
Iris control*	DC Iris	DC Iris / P Iris	DC Iris
Backlight Compensation			On / Off
White Balance			Manual / AWB / ATW / One Push
Noise Reduction	3D		On / Off
Wide Dynamic Range		Gamma WDR	Gamma WDR / Shutter WDR
Privacy Mask			On / Off
Brightness			Manual
Exposure			Auto / Manual
Sharpness			Manual
Contrast			Manual
Saturation			Manual
Hue			Manual
Digital Zoom			Support
Privacy Mask Type			Color
ICR + IR LED			Auto / LED On / LED Off / Smart IR / Light Sensor
Motion Detection			By Schedule / On / Off
Tampering Alarm			By Schedule / On / Off
Network Failure Detection			By Schedule / On / Off
Audio Detection			On / Off
Two-way Audio			Line in / Line Out
Compression			G.711 / G.726
<b>Network</b>			
Interface	RJ-45, 10/100 Mbps Ethernet		
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG		
Video Streaming	Dual Streams H.264 + MJPEG / H.264 + H.264		
Video Resolution	H.264- 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	H.264- 4M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	H.264- 5M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF
MIPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	MIPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	MIPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	MIPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF
Frame rate	Dual Streams : 2048 x 1536 (15 fps) + 720p (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)	Dual Streams: 2688 x 1520 (15 fps) + D1 (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)	Dual Streams : 2952 x 1944 (12 fps) + D1 (12 fps) 2048 x 1536 (15 fps) + 720p (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)
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		
Alarm Output	1 Set		
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 Working Distance	up to 25 m		
Wavelength	850 nm		
Number of LEDs	24		
LED Indicator	Power / Link / ACT		
Connectors	4 Pin Terminal Block		
Power	3 Pin Terminal Block		
Ethernet	RJ-45		
Analog Video	1.0 Vp-p / 75 Ω, BNC		
Audio	Line in / Line Out		
<b>General</b>			
Operating Temperature	w/o Heater: -10°C ~ 50°C (14° ~ 122° F)		
Humidity	10% ~ 90%, No Condensation		
Weatherproof Standard	IP66		
Dimension	Ø 84 x 260 mm (Ø 3.3 x 7.1 in.)		
Weight	940 g (2.07 lb)		
Power Source	DC 12V / AC 24V / PoE or AC 24V / PoE+		
Power Consumption	System: 5 W (Built-in IR Illuminator: +3 W, Motorized Lens/Auto focus lens: +3.6 W, Heater: +12 W)		
Regulatory	CE / FCC / RoHS		

\* mark for optional items

Product specification and availability are subject to change without notice.



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