

DynaHawk™ W5 Series

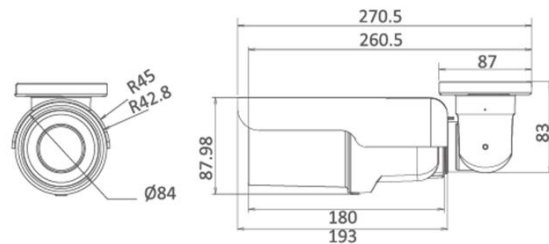
Full HD Multiple Streams Bullet IP Camera



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		W3A3-5		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)		2048(H) x 1536(V)		2592 (H) x 1944 (V)	
Shutter Speed			1 - 1/10000 sec.			
Lens						
Lens type	Motorized vari-focal		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	95° (Wide); TBD° (Tele)		99.8° (Wide); 35.2° (Tele)		90° (Wide); 30° (Tele)	
Minimum Illumination	0.2 lux (Color); 0.02 lux (B/W)		0.2 lux (Color); 0.02 lux (B/W)		0.2 lux (Color); 0.02 lux (B/W)	
Operation						
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 / P Iris	
Backlight Compensation			DC Iris		DC Iris / P Iris	
White Balance	Manual / AWB / ATW / One Push					
Noise Reduction	3D		On / Off			
Wide Dynamic Range	Gamma WDR		Gamma WDR / Shutter WDR		Gamma WDR	
Privacy Mask	On / Off					
Brightness	Manual					
Exposure	Auto / Manual					
Sharpness	Manual					
Contrast	Manual					
Saturation	Manual					
Hue	Manual					
Digital Zoom	Support					
Motion Detection	On / Off					
Privacy Mask Type	Color					
ICR + IR LED	Auto / LED On / LED Off / Smart IR / Light Sensor					
Tampering Alarm	On / Off					
Two-way Audio	Line in / Line Out					
Compression	G.711 / G.726					
Network						
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 Quad Streams H.264 * 3 + MJPEG / H.264 * 3 + H.264					
Video Resolution	H.264- 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- 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 MJPEG- 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 : 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 5V 10kΩ pull up					
Alarm 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					
Mechanical						
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		Line in / Line Out			
General						
Operating Temperature	w/o Heater: -10°C - 50°C (14° - 122° F) w/Heater: powered by DC12V: -30°C - 50°C (-22° - 122° F) w/Heater: powered by AC24V/PoE+: -40°C - 50°C (-40° - 122° F) Humidity: 10% to 90%, no condensation					
Humidity	10% - 90%, No Condensation					
Weatherproof Standard	IP66					
Dimension	ø 84 x 260 mm (ø 3.3 x 7.1 in.) 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: 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.



DYNACOLOR, INC.
No. 116, Jou Tz Street, Neihu, Taipei 114, Taiwan
TEL: (886)2-2659-8898 FAX: (886)2-2659-8868 <http://www.dynacolor.com.tw>
info@dynacolor.com.tw