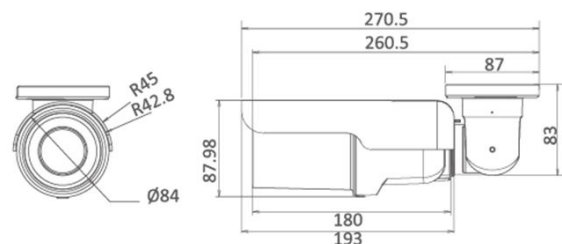# DynaHawk™ W5 Series

Full HD Multiple Streams Bullet IP Camera

   Network Dyna**Hawk** 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		W1S1-5		W1V1-5	
Image Sensor		1/2.8" Progressive CMOS		1/2.7" Progressive CMOS	
Effective Pixels		1920(H) x 1080(V)			
Shutter Speed		1 ~ 1/10000 sec.			

Lens					
Lens type		Motorized vari-focal	Auto focus	Motorized vari-focal	Auto Focus
Focal Length		3 ~ 10.5 mm	3 ~ 9 mm	3 ~ 10.5 mm	3 ~ 9 mm
F Number		F 1.4	F1.2 (Wide); F2.1 (Tele)	F 1.4	F1.2 (Wide); F2.1 (Tele)
FOV		90° (Wide); TBD° (Tele)	96° (Wide); 32° (Tele)	93.9° (Wide); TBD° (Tele)	108° (Wide); 41° (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)	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			
Image Setting	Iris control*	DC Iris / P Iris			
	Backlight Compensation	On / Off			
	White Balance	Manual / AWB / ATW / One Push			
	Noise Reduction 3D	On / Off			
	Wide Dynamic Range	On / Off			
	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			
Audio	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- 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		Single Stream - 1080p (13/15fps) Dual Streams - 1080p (13/15 fps) + 720p (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			
	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			
Wheatherproof 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.