

DynaHawk™ WB Series

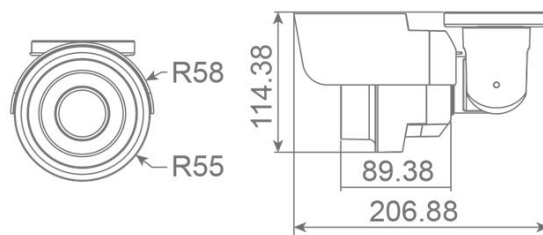
Full HD Multiple Streams Compact Bullet IP Camera



The Full HD Multiple Streams Compact Bullet IP Camera is a compact camera with an easy setup design. 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

- 2M / 5M Progressive Scan CMOS Sensor
- Dual Streaming- Full HD 1080P Real-time + D1 Real-time
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multi-language Support
- Tampering Alarm
- Remote Zoom & Focus (Motorized Lens)*
- Wide Dynamic Range
- 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)*
- microSD Support
- BNC Analog Output
- Weatherproof (IP66 International)
- High Power PoE (PoE+)
- ONVIF Support
- RS-485 Support



DynaHawk™ WB Series - Compact Bullet IP Camera

Camera	W3S1-B		W3A3-B		W3A2-B	
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)		TBD		90° (Wide); 30° (Tele)	
Minimum Illumination	0.2 lux (Color); 0.02 lux (B/W)		TBD		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	
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					
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- 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	
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				
	Output	5V 10kΩ pull up				
Event Notification	1 Set 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					
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 of 6 Pin Terminal Block (Female)				
	Power	4 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: -40°C - 50°C (-31° - 122° F)					
Humidity	10% - 90%, No Condensation					
Weatherproof Standard	IP66					
Dimension	Board - Ø110 x 100.58 (w/o Sunshield) Vari-focal / Motorized / AF - Ø110 x 127.58 (w/o Sunshield) Board - Ø114.38 x 89.38 x 206.88 mm (w/ Sunshield) Vari-focal / Motorized / AF - Ø114.38 x 116.38 x 206.88 mm (w/ Sunshield)					
Weight	910g					
Power Source	DC 12V / AC 24V / PoE+					
Power Consumption	System : max 5W IRLED : max 3.6W / Heater : max 13W / Motorized : max 3W / 3x AF : max 3W					
Regulatory	CE / FCC / RoHS					

* mark for optional items
Product specification and availability are subject to change without notice.