

DynaHawk™ WJ Series

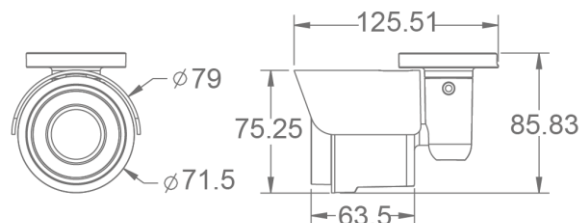
Full HD Multiple Streams Micro Bullet IP Camera



The J type Micro Bullet IP Camera is a compact camera with an easy setup design. PoE is supported to reduce complicated cabling without sacrificing performance. 2 Megapixel Resolution is available for providing high definition images. Quad Streams Compression (H.264 Baseline / Main / High Profile + MJPEG) are supported for efficient bandwidth and storage management. Moreover, the camera is featured with functions such as WDR, 3D Noise Reduction, Day/Night ICR, etc. With the compact/elegant design and powerful function, this camera would be the perfect solution for installation in retail stores, hotels and small office.

Key Features

- Progressive Scan Sony CMOS Sensor
- 2M Resolution
- 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
- Wide Dynamic Range
- Two-Way Audio Support
- Motion Detection
- Privacy Masks
- Smart Picture Quality / 3D Noise Reduction
- Smart IR Mode
- Day/Night (ICR)
- IR LED Module (working distance up to 15 m)
- microSD Support
- Weatherproof (IP66 International)*
- Sunshield
- Integrated Mounting Bracket with Cable Management*
- BNC Analog Output*
- ONVIF Support



DynaHawk™ WJ Series - Micro Bullet IP Camera

Camera		W2S1-J	
Image Sensor	1/2.8" Progressive CMOS		
Effective Pixels	1920(H) x 1080(V)		
Minimum Illumination	0.2 lux (color) / 0.02 lux (B/W) @30 IRE		
Shutter Speed	1 ~ 1/10000 sec.		
Lens			
Lens	board / vari-focal		
Focal Length	board lens: 2.8 mm / 3.6 mm vari-focal lens: 3 - 6 mm / 3 - 10.5 mm		
F Number	board lens: F 2.0 / F 1.8 vari-focal lens: F 2.0 / F 1.4		
FOV	board lens: 90.34° / 71.8° vari-focal lens: 93.2° (Wide) ; 55.6° (Tele) / 90°		
Operation			
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese		
Backlight Compensation	On / Off		
White Balance	Manual / AWB / ATW / One Push		
3D Noise Reduction	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 / 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		
Audio	Two-way Audio	Indoor: Terminal Block	Outdoor: N/A
	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*4		
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	Dual Streams : 1080p (30/25 fps) + D1 (30/25 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	Indoor: 1 Set 5V 10kΩ pull up	Outdoor: N/A
	Output	Indoor: 1 Set Photo Relay Output 300V DC/AC	Outdoor: N/A
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			
Working Distance	up to 15 m		
Built-in IR Illuminator*	Wavelength	850 nm	
	Number of LEDs	board lens : 18 pcs vari-focal lens : 3 pcs	
LED Indicator	Power / Link / ACT		
Connectors	Type	Indoor	Outdoor
	Alarm	4 of 7 Pin Terminal Block (Female)	N/A
	Power	DC Jack	DC Jack on all-In-One Cable*
	Ethernet	RJ-45	RJ45 on all-In-One Cable*
	Analog Video	1.0 Vp-p / 75 Ω, BNC	N/A
	Audio*	3 of 7 pin Terminal Block	N/A
General			
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)		
Humidity	10% ~ 90%, No Condensation		
Weatherproof Standard*	IP66 (Optional)		
Dimension	Board lens	vari-focal lens	
	Indoor: Ø 71.5 x 58.5 mm (Ø 2.815 x 2.3 in.)	Outdoor w/ cable management: Ø 71.5 x 125.5 x 91.15 mm (Ø 2.815 x 4.94 x 3.58 in.)	
	Outdoor w/ cable management: Ø 71.5 x 125.5 x 91.15 mm (Ø 2.815 x 4.94 x 3.58 in.)	Outdoor w/ cable management: Ø 71.5 x 150.53 x 91.15 mm (Ø 2.815 x 5.92 x 3.58 in.)	
Weight	330g		
Power Source	PoE / DC12V		
Power Consumption	System: 2.5 W (Built-in IR Illuminator: +1.3W)		
Regulatory	CE / FCC		

* 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