

DynaHawk™ W8 Series

Full HD Multiple Streams Fisheye IP Camera

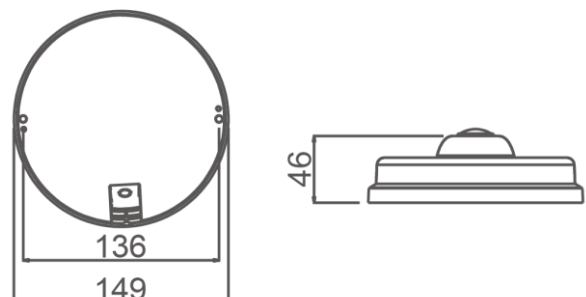


The Full HD Multiple Streams Fisheye IP Camera is a high resolution surveillance solution featuring 360 Degree Panorama View that allows users to monitor a wide angle surveillance environment without blind spot with just one camera. The camera not only delivers clear images through multi-streaming video, its lens with up to 5 Mega-pixel high resolution image also provides panorama function with quad view that enables four different assigned angles images to display simultaneously for monitoring.

Furthermore, it has built-in IR LED and true day/night IR cut filter for supreme night time images. With compact outlook and rugged housing, the easy installing and weatherproof ability offers users to apply the camera in various kinds of IP surveillance environment flexibly such as hotel, hospital, retailer store, parking lot, and factory, etc.

Key Features

- Progressive Scan CMOS Sensor
- Dual Streams, 5M resolution + D1
- Multiple Dewarp Display Modes
Digital PTZ / Panorama View / Quad View
- Smart Event Function
Audio Detection / Motion Detection / Network Failure Detection / Tampering Alarm
Periodical Event / Manual Trigger Event
- Multiple and Dynamic Region of Interest (ROI) Windows
- Smart TextOverlay and Privacy Masks
- Wide Dynamic Range
- Day/Night (ICR)
- IR LED Module
- Built-in MIC & Speaker
- 2D / 3D Noise Reduction / Color Noise Reduction
- Weatherproof (IP66 International)*
- MicroSD and NAS Recording Support
- ONVIF Support



DynaHawk™ W8 Series - Fisheye IP Camera

Camera		W3A2-8
Image Sensor		5M Progressive CMOS
Effective Pixels		2592(H) x 1944(V)
Minimum illumination		0.2 lux (Color) @ F2.8 0.02 lux (B/W) @ F2.8
Shutter Speed		1 ~ 1/10000 sec.
Lens		
Lens	Stereo Projection Type	1/2.5" Fisheye Lens
Focal Length		1.05 mm
F Number		F2.8
FOV		180° @ Full Resolution
Operation		
Multiple Languages	English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Spanish / Portuguese / Japanese	
Image Setting	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 / Schedule
	Privacy Mask Type	Color
	ICR	Auto / LED On / LED Off / Smart IR / Light Sensor
Tampering Alarm	On / Off / Schedule	
Audio	Type	Built-in Speaker (Max. 2W Mono) & Microphone or 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 x 4 / H.264 x 3 + MJPEG	
Video Resolution	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	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	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, ARP, 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
		HTTP / FTP / SMTP
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	5 m
	Wavelength	850 nm
	Number of LEDs	6
Lens Mounting	M12 Fisheye Lens	
Connectors	Alarm & Audio	8 Pin Terminal Block, Pitch 2.5 mm
	Power	3 Pin Terminal Block
	Ethernet	RJ-45
All in one Cable*		
Audio I/O	Line in / Line Out	
Alarm	4 Pin wire cables	
Power	DC 12V	DC Jack
	AC 24V	Power wire cables AC 24V(+), AC 24V (-)
General		
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)	
Humidity	10% ~ 90%, No Condensation	
Weatherproof Standard*	IP66	
Dimension	Ø 149 x 45.8 mm (Ø 5.87 x 1.80 in.)	
Weight	350 g (0.77 lbs)	
Power Source	DC 12V* / AC 24V* / PoE	
Power Consumption	System 5W (Built-in IR Illuminator +3W)	
Regulatory	CE / FCC / RoHS	

* mark for optional items

Product specification and availability are subject to change without notice.



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