![Dynacolor logo — always watching]

DynaHawk™ W1 Series

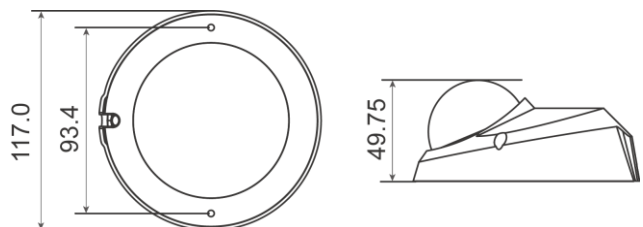## Full HD Multiple Streams Micro Dome IP Camera

The Full HD Multiple Streams Compact Fixed Dome IP Camera offer high definition resolution at full frame rate, progressive scan technology, and edge enhancement for outstanding picture clarity. ONVIF (Profile S) compliance ensures hassle-free, flexible system integration.

This model capable of serving real-time streaming and makes image quality more smoothly. In addition to MJPEG real time streaming, this camera develops H.264 codec to apply for high resolution digital broadcast. Also 3DNR (Digital Noise Reduction) and proprietary SPQ (Smart Picture Quality) provide significant storage savings without sacrificing image quality in low light.

W1 is a cost-effective surveillance solution for installations that require excellent picture quality at minimal bandwidth. Their simple yet solid, low-profile design is ideal for discreet installations where space is limited. Installation and setup is simple, quick and easy, with a factory-focused lens and a simple PoE connection.

▌ Key Features

- Progressive Scan CMOS Sensor
- Quad Stream Compression - H.264 Baseline / Main / High Profile + MJPEG
- Multi-language Support
- Tampering Alarm
- Wide Dynamic Range
- Motion Detection
- Privacy Masks
- 3D Noise Reduction / 2D Noise Reduction
- Vertical View Mode (Image rotation by 90 degrees)
- Network Failure Detection
- Weatherproof Dongle Cable*
- Weatherproof (IP66 International)*
- microSD Support
- ONVIF Support
(*) Optional

DynaHawk™ W1 Series - Micro Dome IP Camera

Camera

	W2S1-1	W2V1-1
Image Sensor	1/2.8" Sony Progressive CMOS	1/2.7" Progressive CMOS
Effective Pixels	1920(H) x 1080(V)	
Minimum Illumination	TBD	0.1 lux (Color)
White Balance	Manual / AWB / ATW	
Shutter Speed	1 ~ 1/10000 sec.	

Lens

	W2S1-1	W2V1-1
Focal Length	3.6 mm	2.8 mm
F Number	F 1.8	F 2.0
FOV	71.8°	105°

Operation

Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
Image Setting	Backlight Compensation	On/Off
	White Balance	AWB / ATW / Manual / 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
	Tampering Alarm	On / Off
	Digital Image Stabilation	On/Off
Audio	One-way Audio*	Mic in
	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- 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		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP
Security		HTTPS / IP Filter / IEEE 802.1X
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

Lens Mounting		M12 Board Lens
Connectors	Ethernet	RJ-45

General

Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)
Humidity	10% ~ 90%, No Condensation
Weatherproof Standard	Rugged Type- IP66
Dimension	Ø 110.2 x 47.7 mm (Ø 4.3 x 1.9 in.)
Weight	180 g (0.40 lb)
Power Source	PoE
Power Consumption	3.5 W
Regulatory	CE / FCC / RoHS / IP66 (Outdoor)

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