

# DynaHawk™ W2 Series

## Full HD Multiple Streams Vandal Dome IP Camera

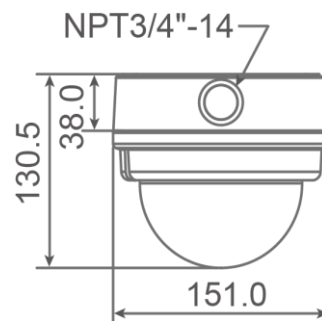


The Full HD Multiple Streams Vandal Dome IP Camera features decent low light performance, various video resolution combination, multiple video compression formats, etc. It also supports true day / night and 3DNR function, which display clear images in low light conditions. Moreover, the proprietary SPQ (Smart Picture Quality) function allows delivering quality images especially under intensive motion and low light conditions. With the built-in IR LED module, it makes visibility in nearly total darkness.

With H.264 High / Main / Baseline profile and MJPEG video compression formats support, it is beneficial for optimization of bandwidth and network resources. Video quad-stream support allows various surveillance applications and facilitates working with other back-end devices.

### ■ Key Features

- Progressive Scan CMOS Sensor
- 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
- Smart Picture Quality / 3D Noise Reduction
- 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)
- Sunshield & Pendent Mount Housing\*
- ONVIF Support



# DynaHawk™ W2 Series - Vandal Dome IP Camera

Camera		W1V1-2	W1S1-2
Image Sensor		1/2.7" Progressive CMOS	1/2.8" Sony Progressive CMOS
Effective Pixels		1920(H) x 1080(V)	
Minimum Illumination		Motorized & Vari-focal: 0.2 lux (Color)/ 0.02 lux (B/W) 3x AF: 0.2 lux (Color)/ 0.02 lux (B/W)	Motorized & Vari-focal: 0.2 lux (Color)/ 0.02 lux (B/W) 3x AF: 0.2 lux (Color)/ 0.02 lux (B/W)
Shutter Speed		1 ~ 1/10000 sec.	
Lens		Vari-focal / Motorized / Auto Focus	
Focal Length		Motorized & Vari-focal : 3 - 10.5 mm 3x AF: 3 - 9mm	
F Number		Motorized & Vari-focal: F1.4 3x AF: F1.2	
FOV		Motorized & Vari-focal: 103° (Wide) ; 34.35 (Tele) 3x AF: 108° (Wide); 41° (Tele)	Motorized & Vari-focal: 90° (Wide) ; TBD (Tele) 3x AF: 96.12° (Wide); 32.04° (Tele)
Operation		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	IRIS Control*	3x: P-IRIS & DC-IRIS Motorized & Vari-focal : DC-IRIS	
	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	
Audio	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	Line in / Line Out	
	Compression	G.711/G.726	
Network		RJ-45, 10/100 Mbps Ethernet	
Interface		H.264 (MPEG-4 Part 10/AVC) / MJPEG	
Video Compression		Dual Streams H.264 + MJPEG / H.264 + H.264 Quad Streams H.264*3 + MJPEG / H.264*4	
Video Streaming		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	
Video Resolution		Single stream - 1080p (15/13 fps) Dual Streams - 1080p (15/13 fps) + 720p (30/25 fps)	
Frame Rate		ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Protocol		HTTPS / IP Filter / IEEE 802.1X	
Security		1 Set 5V 10kΩ pull up	
Alarm	Input	1 Set	
	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		up to 25 m	
Built-in IR Illuminator*	Working Distance	850 nm	
	Wavelength	24	
	Number of LEDs	Power / Link / ACT	
LED Indicator		4 Pin Terminal Block	
Connectors	Alarm	3 Pin Terminal Block	
	Power	RJ-45	
	Ethernet	1.0 Vp-p / 75 Ω, BNC	
	Analog Video	Line in / Line Out	
	Audio*		
General		-10°C ~ 50°C (14° ~ 122° F)	
Operating Temperature		w/ Heater & Fan, Powered by DC 12V: -30°C ~ 50°C (-22° ~ 122° F) / w/ Heater & Fan, Powered by AC 24V: -35°C ~ 50°C (-31° ~ 122° F)	
Humidity		10% ~ 90%, No Condensation	
Weatherproof Standard*		IP66	
Dimension		Indoor : Ø 151 x 130 mm (Ø 5.9 x 5.1 in.)	
		Outdoor: Ø 170 x 210 mm (Ø 6.7 x 8.3 in.)	
Weight		Indoor: 800 g (1.8 lb)	
		Outdoor: 1300 g (2.9 lb)	
Power Source		DC 12V / AC 24V / PoE	
Power Consumption		System: 5 W	
		(Heater: +6 W, Fan: +1 W, Built-in IR Illuminator: +3 W, Motorized Lens: +3.6 W, 3x lens: +3W)	
Regulatory		CE / FCC	

\* mark for optional items

Product specification and availability are subject to change without notice.



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