


# DynaHawk™ W7 Series

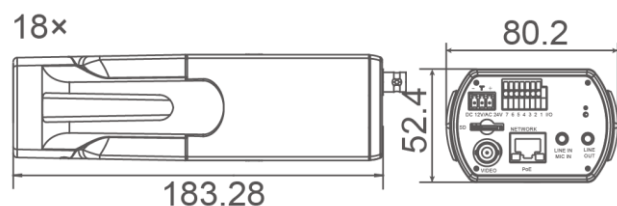
Full HD Multiple Streams Zoom AF Box IP Camera



The Full HD Multiple Streams Zoom AF Box IP Camera integrates superior Sony Progressive CMOS sensor with 18x auto-focus zoom lens. The IP camera is capable of delivering Multi-streaming Full HD 1080P Real-time video. In addition to MJPEG Real-time streaming, the camera develops superior H.264 codec to smoothly deliver Full HD video streaming over the internet without distortion. The camera is also featured with WDR, 3D Noise Reduction, RS-485 support, etc. The camera offers strengthened support for surveillance application that demands consistent precision zoom control while high resolution and superior video quality are requisite.

## ■ Key Features

- Sony Progressive CMOS Sensor
- 18x Zoom Auto Focus - Focal Length- 18x- 4.7 ~ 84.6 mm
- 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
- Smart Event Function 
- Audio Detection / Motion Detection / Network Failure Detection / Tampering Alarm
- 3D Noise Reduction / Smart Picture Quality
- Vertical View Mode (Image rotation by 90 degrees)
- Day/Night (ICR)
- Privacy Masks
- microSD and NAS Support
- BNC Analog Output
- RS-485 Support
- ONVIF Support



# DynaHawk™ W7 Series - Zoom AF Box IP Camera

Camera		W2S1-7
Image Sensor		1/2.8" Sony Progressive CMOS
Effective Pixels		1920(H) x 1080(V)
Minimum Illumination		0.2 lux (Color) @ F 1.2 0.02 lux (B/W) @ F1.2
Shutter Speed		1 ~ 1/10000 sec.
Lens		
Lens		18x Optical Zoom, Auto Focus
Focal Length		18x: 4.7-84.6mm
F Number		18x: F1.6 (Wide); F2.8 (Tele)
Operation		
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
Image Setting	Backlight Compensation	On / Off
	White Balance	Manual / AWB / ATW
	Brightness	Manual
	Exposure	Auto / Manual
	Sharpness	Manual
	Contrast	Manual
	Saturation	Manual
	Hue	Manual
	Noise Reduction	3D On / Off (w/ Motion Compensation)
	Wide Dynamic Range	On / Off
	Digital Zoom	Support 8x
	ICR	Auto / On / Off
	Privacy Mask	On / Off
	Region of Interest	On / Off
Event Setting	Network Failure Detection	By Schedule / On / Off
	Audio Detection	On / Off
	Motion Detection	By Schedule / On / Off
	Tampering Alarm	By Schedule / On / Off
Audio	Two-way Audio	Built-in MIC / 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 Streaming	Dual Streams - 1080p (30 / 25 fps) + D1 (30 / 25 fps)
Video Resolution		H.264- Full HD 1080P / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / HD 720P / XGA / SVGA / D1 / VGA / CIF
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 5V 10kΩ pull up
	Output	1 Set Photo Relay Output 300V DC/AC
Event Notification		HTTP / FTP / SMTP
Storage	Local	microSDHC 32GB support
	Network	NAS
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari
User Account		20
Password Levels		User and Administrator
Mechanical		
LED Indicator		Power / Link / ACT
Connector	Alarm	4 Pin Terminal Block, Pitch 3.5 mm
	Power	3pin Terminal Block
	Ethernet	RJ-45
	Analog Video	1.0 Vp-p / 75 Ω, BNC
	RS485	D+, D-
Audio		Stereo Phone Jack, Ø 3.5mm
General		
Operating Temperature		-10°C ~ 50°C (14° ~ 122° F)
Humidity		10% ~ 90%, No Condensation
Dimension		18x: 183.3 x 80.2 x 52.4 mm (L x W x H)
Weight		18x: 450g (1lb)
Power Source		DC 12V / AC 24V / PoE
Power Consumption		6 W (500 mA)
Regulatory		EMC/ LVD/ FCC

\* mark for optional items

Product specification and availability are subject to change without notice.



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