


# DynaHawk™ Z7 Series

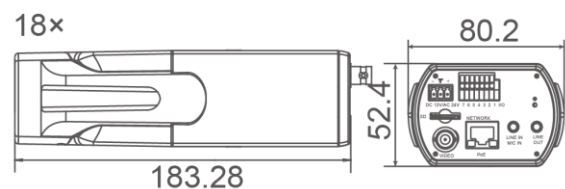
Multiple Streams Ultra High Definition Zoom AF Box IP Camera



The Multiple Streams Ultra High Definition Zoom AF Box IP Camera supports both H.264 and MJPEG standard. The performance of the H.264 encoder can be 3M / 4M resolution at up to 60fps. Equipped with HDR (High-Dynamic Range) function, the camera can provide high quality and clear image under extreme light contrast scenario or changing lighting environment. With Smart Event function, alarm / event can be categorized by event types, which makes event management much easier. In addition, with 30x optical zoom, the camera can deliver users more detailed images, such as facial features and clothing. 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

- 3MP / 4MP Resolution @ 60fps
- 3x / 18x / 30x Optical Zoom with Auto Focus
- HDR (Multiple Shutter Exposure) and WDR (Digital Enhancement)
- Multiple Streams + Analog Composite SD Video Output Support
- H.264 Baseline / Main Profile / High Profile / SVC and MJPEG Codec Support
- 3D Motion Compensated Noise Reduction (MCTF)
- Electronic Image Stabilization (EIS)
- Smart Event Function 
- Audio Detection / Motion Detection / Network Failure Detection / Tampering Alarm
- Encoding Parameter Change On-the-fly
- Multiple and Dynamic Region of Interest (ROI) Windows
- Text Overlay and Privacy Masks
- microSD and NAS Support
- RS-485 Support
- ONVIF Support



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Camera		Z4SD-7	Z4V6-7	
Image Sensor		1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS	
Effective Pixels		3M (2048x1536)	4M (2688x1520)	
Shutter Speed		1 ~ 1/10000 sec.		
Lens				
Lens		3x/ 18x/ 30x Optical Zoom, Auto Focus		
Focal Length		3x: 3-9mm/ 18x: 4.7-84.6mm/ 30x: 4.3-129mm		
F Number		3x: F1.2 (Wide); F2.1 (Tele)/ 18x: F1.6 (Wide); F2.8 (Tele)/ 30x: F1.6 (Wide); F5 (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		Shutter WDR On / Off	
	Digital Zoom		Support 10x	
	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, 1Gbps Ethernet		
Video Compression		MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile / SVC		
Video Streaming	Single Streaming	H.264 3M @50/60 fps	H.264 4M @50/60 fps	
	Dual Streaming	H.264 3M @50/60 fps + H.264 720P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	H.264 4M @25/30 fps + H.264 1080P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
	Quad Streaming	H.264 3M @25/30 fps + H.264 1080P @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	H.264 4M @25/30 fps + H.264 1080P @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
Video Resolution		H.264 - 3M (2048x1536) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA MJPEG - Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA		
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	microSDXC 64GB 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		3x: 165.0 x 80.0 x 52.4 mm (L x W x H) 18x & 30x: 183.3 x 80.2 x 52.4 mm (L x W x H)		
Weight		3x: 300g (0.66 lb) / 18x: 450g (1lb) / 30x: 470g (1.04lb)		
Power Source		DC 12V / AC 24V / PoE		
Regulatory		EMC/ LVD/ FCC		

\* mark for optional items

Product specification and availability are subject to change without notice.



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