

# DynaHawk™ Z6 Series

Multiple Streams Ultra High Definition Box IP Camera



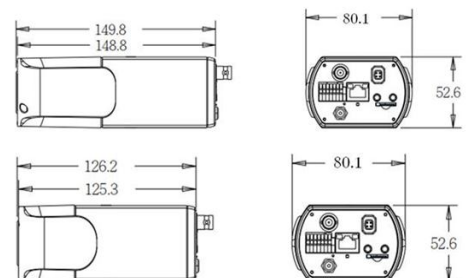
network DynaHawk Z6 series Multiple Streams Ultra High Definition Box IP Cameras utilize SONY high class CMOS sensor, Z6 offers up to 4MP resolution in real-time frame rate with Hyper Dynamic Range (HDR) function, that provides extraordinary image in high lighting contrast environment.

With state-of-the-art encoder SOC, Z6 is capable of streaming out 4M Presolution real-time with SVGA real-time sub streaming. Multiple Region of Interest (ROI), 3D Noise Reduction are also supported for different application scenarios. Furthermore, with all powerful function mentioned above, Z6 only requires maximum 8.5W power consumption which saves a lot of expenses for users.

Besides flexible software features, Z6 is built-in with Auto Back Focus (ABF) function. User can simply adjust focus by clicking control buttons on webpage that makes focus adjustment easier under 4MP resolution and also provide the ability for remote focus tuning after installation.

## ■ Key Features

- 4MP / 3MP Progressive Scan CMOS Sensor
- 4MP @ 30fps + SVGA @ 30 fps or 3MP @ 30fps + SXGA @ 30fps
- Specific ARM for Analytics Hardware Acceleration
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Multiple and Dynamic ROI Windows
- Auto Back Focus (ABF)
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- microSD Support
- BNC analog output
- Triple Power Support- PoE / DC12V / AC24V
- ONVIF Support



# DynaHawk™ Z6 Series - Ultra High Definition Box IP Camera

Camera		Z2SD-6	Z2V6-6
Image Sensor		1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS
Effective Pixels		3M (2048x1536)	4M (2688x1520)
Shutter Speed		1 ~ 1/10000 sec.	
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Backlight Compensation		On / Off (w/ Motion Compensation)	
White Balance		Manual / AWB / ATW / One Push	
3D Noise Reduction		3DNR / 2DNR / ColorNR	
Wide Dynamic Range		Shutter WDR On / Off	
Privacy Mask		On / Off	
Brightness		Manual	
Exposure		Auto / Manual	
Sharpness		Manual	
Contrast		Manual	
Saturation		Manual	
Hue		Manual	
Digital Zoom		Support	
Privacy Mask Type		Color	
ICR		Auto / Day / Night / Smart / Light Sensor	
IR Threshold		Adjustable Levels	
Motion Detection		On / Off / By Schedule	
Tampering Alarm		On / Off / By Schedule	
Network Failure Detection		By Schedule / On / Off	
Audio Detection		On / Off	
Two-way Audio		Line in / Line Out	
Compression		G.711 / G.726 / AAC / LPCM	
Bit rate		G.726 : 16Kbps/24Kbps/32Kbps/40Kbps, G.711 : uLAW(64Kbps)/ALAW(64Kbps), AAC:128 Kbps, PCM: 128Kbps/256Kbps/384Kbps/768Kbps	
Sampling rate		8 KHz	
Auto Back Focus		Support	
Network			
Interface		RJ-45, 1Gbps Ethernet	
Video Compression		MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile	
Dual		H.264 3M @25/30 fps + H.264 SXGA @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
Quad		H.264 3M @25/30 fps + H.264 720P @25/30 fps + H.264 D1 @25/30 fps + H.264 CIF @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	
H.264		3M (2048x1536) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
MJPEG		4M (2688x1512 or 2560x1440) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	
Video Analytic Engine		Edge Embedded (Camera Side)	
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	
Input		1 Set	
Output		5V 10kΩ pull up	
Event Notification		1 Set	
Micro SD		Photo Relay Output 300V DC/AC	
Supported Web Browser		HTTP / FTP / SMTP	
User Account		microSDXC 64GB support	
Password Levels		Internet Explorer (6.0+) / Chrome / Firefox / Safari	
Alarm		20	
Event Notification		User and Administrator	
Micro SD		microSDXC 64GB support	
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari	
User Account		20	
Password Levels		User and Administrator	
Mechanical			
Lens Mounting		CS Mount	
LED Indicator		Power / Link / ACT	
Auto Iris		DC Drive	
Alarm		4 Pin Terminal Block, Pitch 3.5 mm	
Power		DC jack or 2pin Terminal Block	
Ethernet		RJ-45	
Analog Video		1.0 Vp-p / 75 Ω, BNC	
Audio		Line in / Line Out	
General			
Operating Temperature		-10°C ~ 50°C (14° ~ 122° F)	
Humidity		10% ~ 90%, No Condensation	
Dimension		149.66 x 79.73 x 52.57 mm (L x W x H) w/o Lens	
Weight		395g (0.87 lb) w/o lens	
Power Source		DC 12V / AC 24V / PoE	
Power Consumption		DC 12V:8W AC 24V:7.2W	
Regulatory		POE:6.8W CE / FCC	

Product specification and availability are subject to change without notice.



**DYNACOLOR, INC.**  
 No. 116, Jou Tz Street, Neihsu, Taipei 114, Taiwan  
 TEL: (886)2-2659-8898 FAX: (886)2-2659-8868  
<http://www.dynacolor.com.tw> [info@dynacolor.com.tw](mailto:info@dynacolor.com.tw)