DynaHawk™ Z6 Series

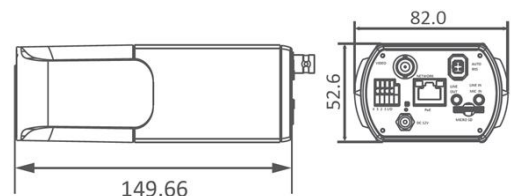## Multiple Streams Ultra High Definition Box IP Camera

network Dyna**Hawk** Z6 series Multiple Streams Ultra High Definition Box IP Cameras utilize SONY high class CMOS sensor, Z6 offers up to 4k2k resolution in real-time frame rate, that provides extraordinarily detailed image without losing any movement.

With state-of-the-art encoder SOC, Z6 is capable of streaming out 8MP resolution real-time or 6MP resolution real-time with 720P real-time sub stream. While multiple Region of Interest (ROI), 3D Noise Reduction are also supported with Ultra HD streaming for different application scenarios, Z6 only requires reasonable consumption power that saves the expense 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 8MP resolution and also makes remote focus tuning available after installation.

▌ Key Features

- 8MP / 6MP Progressive Scan CMOS Sensor
- Ultra HD 4k2k @ 30fps or 6MP @ 30fps + 720P @ 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 Profile S Conformance

82.0

52.6

149.66

Unit: (mm)

DynaHawk™ Z6 Series - Ultra High Definition Box IP Camera

Camera		Z4SF-6	Z4SA-6
Image Sensor		1/1.7" Sony Progressive CMOS	1/1.8" Sony Progressive CMOS
Effective Pixels		12M	6M
Minimum Illumination		0.05 lux @F1.8 (Color) 0.005 lux @F1.8 (B/W)	0.04 lux @F1.8 (Color) 0.002 lux @F1.8 (B/W)
Shutter Speed		1 ~ 1/10000 sec.	

Operation		
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese
Image Setting	Backlight Compensation	On / Off (w/ Motion Compensation)
	White Balance	Manual / AWB / ATW
	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
	ICR	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
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
Video Streaming	Single	H.264 4K2K (3840x2160) @25/30fps H.264 6M (3072x2048) @25/30 fps
	Dual	H.264 4K2K (3840x2160) @20fps + H.264 1080P @20fps H.264 6M (3072x2048) @25/30 fps + 720P @25/30fps or H.264 1080P @50/60 fps + H.264 1080P @25/30 fps or H.264 1080P @50/60 fps + H.264 1080P @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG Note: 1 of the 2M or under streamings can be MJPEG
	Quad	H.264 1080P @50/60 fps + H.264 SXGA @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	4K2K (3840 x 2160) / Full HD 1080P / SXGA / 720P 6M (3072 x 2048) / Full HD 1080P / SXGA / HD / XGA / SVGA / D1 / VGA / CIF / QVGA 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
Video Windows under ePTZ		4
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
Alarm	Input	1 Set 5V 10kΩ pull up
	Output	1 Set Photo Relay Output 300V DC/AC
Event Notification		HTTP / FTP / SMTP
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
Connectors	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	max 8.5W
Regulatory	CE / FCC

Product specification and availability are subject to change without notice.