

# DynaHawk™ ZN Series

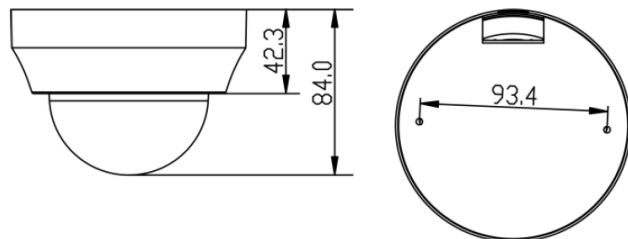
Ultra High Definition Mini Dome Camera



The Ultra High Definition Multiple Streams Mini Dome IP Camera is an easy setup camera with PoE supported to reduce complicate cabling without sacrificing performance. Quad Streams Compression (H.264 Baseline / Main / High Profile / SVC + MJPEG) are supported for efficient bandwidth and storage management. Up to 4M real time resolution is offered for providing high definition images. Also, the H.264 encoder performance can up to 1080p 60 fps. For dark environments, the camera has incorporated WDR, 3DNR and Day/Night ICR technologies to capture clear images in lowlight conditions.

## ■ Key

- Sony Progressive Scan CMOS Sensor 4M / 3M Resolution
- Multi-exposure HDR (Multi-exposure Sensors is required)\*
- Low Latency Streaming
- Low Power Consumption on Encoding
- Quad codec support (H.264 Baseline / Main Profile / High Profile / SVC + MJPEG)
- Quad Streams Support
- Tampering Alarm
- Motion Detection
- Text Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Network Failure Detection
- True Day/Night Function (ICR)
- IR LED Module support (working distance up to 30m) \*
- Weatherproof (IP66 International)\*
- 64GB micro SD Card support
- ONVIF Profile S Support



# DynaHawk™ ZN Series - Mini Dome IP Camera

Camera		Z2SD-N	Z2V6-N
Image Sensor		1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS
Effective Pixels		3M (2048x1536)	4M (2688x1520)
Minimum Illumination	Color	TBD	TBD
	B/W	TBD	TBD
Shutter Speed		1 ~ 1/10000 sec.	
Lens			
Lens		Board Lens	
Focal Length		3.6 mm	
F Number		F 1.8	
FOV		TBD	
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Iris Control*		DC Iris / P-iris	
Backlight Compensation		On/Off	
White Balance		Auto / Manual / ATW / Indoor / Outdoor	
Noise	3D	Low / Middle / High / Off (w/ Motion Compensation)	
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	
Motion Detection		On / Off / By Schedule	
Privacy Mask Type		Color	
ICR		Auto / On / Off / Smart	
ICR + IR LED*		Auto / LED On / LED Off / Smart IR / Light Sensor	
Tampering Alarm		On / Off / By Schedule	
Two-way Audio		Line in / Line Out	
Audio	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	Dual Streams	H.264 3M @25/30 fps + H.264 SXGA @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG	H.264 4M @25/30 fps + H.264 SVGA @25/30 fps Note: 1 of the 2M or under streamings can be MJPEG
	Quad Streams	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 4M @25/30 fps + H.264 VGA @25/30 fps + H.264 CIF @25/30 fps + H.264 CIF @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	4M (2688x1520) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA
	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF
Protocol		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		microSDHC 32GB support	
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari	
User Account		20	
Password Levels		User and Administrator	
Mechanical			
Built-in IR Illuminator*	Working Distance	up to 30 m	
	Wavelength	850 nm	
	Number of LEDs	4	
LED Indicator		Power / Link / ACT	
Connectors	Type	Indoor	Outdoor
	Alarm	4 of 8 Pin Terminal Block (Female)	4 Pin Terminal Block (Male)
	Power	3 Pin Terminal Block (Female)	3 Pin Terminal Block (Male)
	Ethernet	RJ-45	
	Analog Video	1.0 Vp-p / 75 Ω / BNC cable* (Installation purpose)	1.0 Vp-p / 75 Ω / BNC
	Audio	4 of 8 Pin Terminal Block (Female)	Stereo phone jack, Ø 3.5 mm
General			
Operating Temperature		-10°C ~ 50°C (14° ~ 122°F)	
Humidity		10% ~ 90%, No Condensation	
Weatherproof Standard*		IP66	
Dimension		Ø 117 x 84 mm (Ø 4.6 x 3.36 in.)	
Weight		220g	
Power Source		DC 12V / AC 24V / PoE	
Power Consumption		TBD	
Regulatory		CE / FCC	

\* mark for optional items

Product specification and availability are subject to change without notice.