

network DynaHawk™ 720/820W-N Serie

Full HD Speed Dome IP Camera



720/820W-N series Speed Dome IP Camera is most cost-effective 1080P Real-time speed dome product in the market. With up to 30x optical zoom lens options and defogging feature support, this model is able to deliver crystal clear image suitable for wide-area surveillance application.

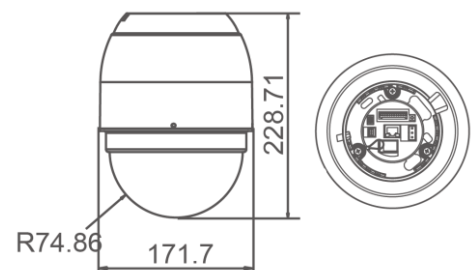
This model can offer simultaneous Quad Streams and Qual Codec, H.264 Baseline / Main / High Profile, MJPEG for various network applications via speeding or limited bandwidth. Compliance with ONVIF Test tool 14.06 and Profile S, this model is able provide fully compatibility to any VMS around the world. It can seamlessly connect to the backend system with universal ONVIF protocol.

With built-in heater and 60W PoE power source, this model is able to operate in extreme weather condition from -40°C to 50°C . IP66 International standard is also guarantee in this model for outdoor installation.

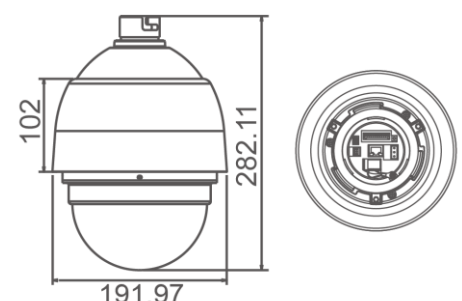
Key Features

- Sony Progressive Scan CMOS Sensor
- Up to 30x Optical Zoom
- 10x Digital Zoom
- Wide Dynamic Range
- Dual Streams: 1080P @ 30fps + D1 @ 30fps
- Quad Streams Support
- Quad Codec:
- 2D Noise Reduction
- Defog function
- 802.3at 60W PoE+ Support for Heater Activation
- Weatherproof (IP66 International)*

720 (Indoor Model)



820 (Outdoor Model)



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Camera	N4 (18x)	N5 (20x)	N6 (30x)
Image Sensor	1/2.8" Sony Progressive CMOS		
Optical Zoom	18x	20x	30x
Digital Zoom	10x		
Minimum Illumination	0.05 lux (Color), 0.01 lux (B/W) @ F1.6		
Wide Dynamic Range	Digital WDR		
Focus Mode	Auto / Manual		
White Balance	Auto / Indoor / Outdoor / ATW / Manual		
Iris Control	Auto / Manual		
Electronic Shutter	1/1 ~ 1/10000 sec.		
AGC Control	Auto / Manual		
Backlight Compensation	On / Off		
Lens			
Focal Length	4.7 ~ 84.6 mm	4.7 ~ 94 mm	4.3 ~ 129 mm
Min. Focus Length	1 m (Wide); 1 m (Tele)	1 m (Wide); 1 m (Tele)	1 m (Wide); 1.2 m (Tele)
F Number	F 1.6 (Wide); F 2.8 (Tele)	F 1.6 (Wide); F 3.5 (Tele)	F 1.6 (Wide); F 4.7 (Tele)
FOV	55.2° (Wide); 3.2° (Tele)	55.8° (Wide); 4° (Tele)	66.5° (Wide); 3.25° (Tele)
Operation			
Pan Travel	360° endless		
Tilt Travel	-10° ~ 190°		
Manual Speed	0.5° ~ 90°/s		
Presets	256		
Preset Accuracy	0.225°		
Preset Speed	5° ~ 400°/s		
Sequence	8		
Auto Pan	4		
Cruise	8		
Privacy Mask	16		
Proportional Pan & Tilt	On / Off (Pan and tilt speed proportional to zoom ratio)		
Resume after Power loss	Support		
Home Function	Preset / Sequence / Auto pan / Cruise		
Auto Flip	Image / Mechanical / Off		
Motion Detection	Motion Detection Window x 4 sets		
Day / Night: IR Cut Filter	On / Off		
Image Rotation	Flip / Mirror / Inverse		
Defog	On / Off		
Noise Reduction	2D	On / Off	
Network			
Networking	RJ-45, 1Gbps Ethernet		
Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile		
Video Stream	Single	H.264 / MJPEG	
	Dual	H.264 + MJPEG / H.264 + H.264	
	Multiple	H.264 x 4 / H.264 x 3 + MJPEG	
Video Resolution	H.264/MJPEG - Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF		
Audio Compression	G.711 / G.726		
Audio Stream	Two-way Audio		
Protocols	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF, ARP		
Security	HTTPS / IP Filter / IEEE 802.1x		
Alarm	Input	4 Sets / 5V 10kΩ pull up	
	Output	2 Set / Relay output, max. 2A DC 30V / 0.5A AC 125V	
Alarm Reaction	Preset / Sequence / Auto Pan / Cruise		
Micro SD	microSDHC 32GB Support		
Supported Web Browser	Internet Explore (6.0+) / Chrome / Firefox / Safari		
Password Levels	User and Administrator		
General			
Environment	Indoor / Outdoor		
Operating Temperature	Indoor	0°C ~ 40°C (32°F ~ 104°F)	
	Outdoor	-40°C ~ 50°C (-40°F ~ 122°F)	
Dimension	Indoor	Ø 171.7 x 228.7 mm (Ø 6.7 x 9 in.)	
	Outdoor	Ø 191.9 x 282.1 mm (Ø 7.5 x 11.1 in.) w/ Sunshield	
Weight	Indoor	1.6 kg (3.57 lb)	
	Outdoor	2.3 kg (5.11 lb) w/ Sunshield	
Power Source	Indoor	802.3at PoE+ (30W) / AC 24V ± 10%	
	Outdoor	802.3at PoE+ (60W) / AC 24V ± 10%	
Power Consumption	Indoor	24 W	
	Outdoor	59.5 W (w/ Heater)	
Regulatory	CE / FCC / RoHS / IP66 (Outdoor)		

* mark for optional items

Product specification and availability are subject to change without notice.



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