

network DynaHawk™ 720/820W-N Series

Full HD Ultra WDR 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.

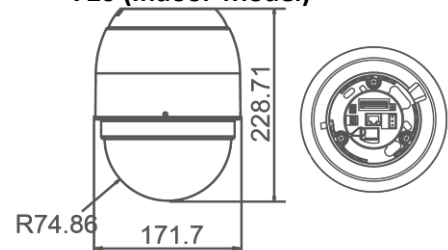
This model can offer simultaneous Quad Streams and Qual Codec, H.264 Baseline / Main / High Profile, MJPEG for various network applications via speeding or limited bandwidth. Compliance with ONVIF Test tool 14.06 and Profile S, this model is able provide fully compatibility to any VMS around the world.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

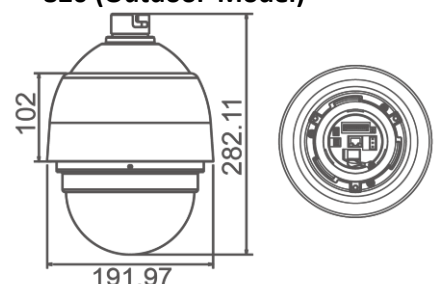
■ KeyFeatures

- Sony Progressive Scan CMOS Sensor
- Up to 30x Optical Zoom
- 12x Digital Zoom
- Dual Shutter Wide Dynamic Range (>96dB)
- 1080P @ 30fps + D1 @ 30fps
- Quad Streams Support
- Quad Codec: H.264 Baseline / Main / High Profile +
- Electronic Image Stabilizer
- 2D/3D Noise Reduction
- Defog function
- 802.3at 60W PoE+ Support for Heater Activation
- Weatherproof (IP66/IK10 International)*

720 (Indoor Model)



820 (Outdoor Model)



network DynaHawk™ 720/820W-F Series - Full HD Ultra WDR Speed Dome IP Camera

Camera		N4 (18x)	N5 (20x)	N6 (30x)
Image Sensor			1/2.8" Sony Progressive CMOS	
Optical Zoom		18x	20x	30x
Digital Zoom			12x	
Minimum Illumination			0.5 lux (Color), 0.095 lux (B/W) @ F1.6	
Wide Dynamic Range			Shutter WDR	
Focus Mode			Auto / Manual	
White Balance			Auto / Indoor / Outdoor / ATW / Manual	
Iris Control			Auto / Manual	
Electronic Shutter			1/1 ~ 1/10000sec.	
AGC Control			Auto / Manual	
Backlight Compensation			On / Off	
Lens				
Focal Length		4.7 ~ 84.6mm	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)	65.5° (Wide); 3.18° (Tele)
Operation				
Pan Travel			360° endless	
Tilt Travel			-10° ~ 190°	
Presets			256	
Preset Accuracy			0.225°	
Pan Speed			5° ~ 500°/s	
Tilt Speed			5° ~ 255°/s	
Sequence			8	
Auto Pan			4	
Cruise			8	
Privacy Mask			24	
Proportional Pan & Tilt			On / Off (Pan and tilt speed proportional to zoom ratio)	
Resume after Powerloss			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	
Eletronic ImageStabilizer			On / Off	
Noise Reduction	2D		On / Off	
	3D		On / Off	
Network				
Networking			RJ-45, 1GbpsEthernet	
Video Compression			MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile	
	Single		H.264 / MJPEG	
Video Stream	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	
AudioCompression			G.711 / G.726	
Audio Stream			Two-way Audio	
Protocols			IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS(SSL), ICMP, FTP, NTP, SMTP, DHCP, PPPoE, UPnP, IGMP(Multicast), SNMP, DNS, DDNS, QoS, ARP	
Security			HTTPS / IP Filter / IEEE 802.1x	
Alarm	Input		6 Sets / 5V 10kΩ pullup	
	Output		2 Set / Relay output, max. 2A DC 30V / 0.5A AC 125V	
Alarm Reaction			Preset / Sequence / Auto Pan / Cruise	
Micro SD			microSDXC 32GB Support	
Supported Web Browser			Internet Explore (6.0+) / Chrome / Firefox / Safari	
User account			20	
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 (3.57lb)	
	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%	
PowerConsumption	Indoor		24 W	
	Outdoor		59.5 W (w/Heater)	
Regulatory			CE / FCC / RoHS / IP66/IK10 (Outdoor)	

* mark for optional items

Product specification and availability are subject to change without notice.



DYNACOLOR, INC.

No. 116, Jou Tz Street, Neihu, Taipei 114, Taiwan

TEL: (886)2-2659-8898

FAX: (886)2-2659-8868

http://www.dynacolor.com.tw

info@dynacolor.com.tw