

DynaHawk™ PM Series

Superior HDR Mini Dome IP Camera

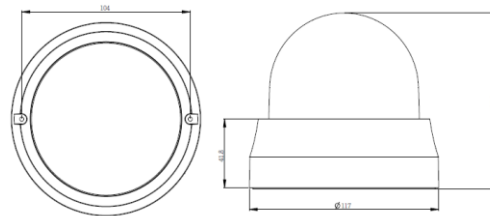


The Superior HDR Mini Dome IP Camera is a high-end surveillance solution with easy set up design. Supporting up to 5M real-time video and Quad Streams Codec (H.264 Baseline / Main / High Profile + MJPEG) offers supreme image quality while keeping efficient bandwidth for storage management.

Also, PM Series camera is equipped with HDR function, and it provides up to 4M real-time stream with 2 shutter WDR image, which is suitable for scenarios under extreme light contrast or environments with changing lighting.

Key Features

- Multiple Progressive Scan CMOS Sensor Support 6M Resolution
- Multi-exposure HDR
- Low Latency Streaming
- Low Power Consumption on Encoding
- Quad codec support (H.264 Baseline / Main Profile / High Profile / 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 40m) *
- BNC Analog Output* (Installation purpose)
- Weatherproof (IP66 International)*
- 64GB microSDXC SD Card support
- ONVIF Profile S Support



DynaHawk™ PM Series - Superior HDR Mini Dome IP Camera

Camera	P25D-M	P25V6-M	P25A-M	
Image Sensor	1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS	1/1.8" Sony Progressive CMOS	
Effective Pixels	3M (2048x1536)	4M (2688x1520)	6M	
Minimum Illumination	0.04 lux	0.1 lux	0.04 lux	
Shutter Speed	0.002 lux	0.01 lux	0.002 lux	
S/N Ratio		1 ~ 1/10000 sec.	TBD	
Lens				
Lens	Motorized	Auto focus	Motorized	
Focal Length	3.9 mm	3.9 mm	3.9 mm	
F Number	F1.7	F1.2	F1.3 (Wide) ; F2.2 (Tele)	
FOV	107° (Wide); 36° (Tele)	107° (Wide); 38° (Tele)	109° (Wide); 33° (Tele) 91.61° (Wide); 34.29° (Tele) 109.1° (Wide); 35.2° (Tele) 114° (Wide); 50° (Tele)	
Operation				
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese			
Image Setting	Iris Control	DC Iris / P-iris		
	Backlight Compensation	On / Off		
	White Balance	Auto / Manual / ATW / One Push		
	Noise Reduction	3D / 2D / Color		
	Wide Dynamic Range	Low / Middle / High / Off (w/ Motion Compensation)		
	Privacy Mask	Shutter WDR On / Off (120 dB)		
	Brightness	Gamma WDR On / Off		
	Exposure	On / Off		
	Sharpness	Manual		
	Contrast	Auto / Manual		
Event Setting	Saturation	Manual		
	Hue	Manual		
	Digital Zoom	Support		
	ICR	Auto / Day / Night		
	ICR + IR LED*	Auto / LED On / LED Off / Light Sensor / Day / Night		
Audio	Day/Night Threshold	Support		
	Motion Detection	By Schedule / On / Off		
	Tampering Alarm	By Schedule / On / Off		
Network	Network Failure Detection	By Schedule / On / Off		
	Audio Detection	On / Off		
Interface	Two-way Audio	Outdoor: Line in / Line Out		
	Compression	G.711 / G.726 / AAC / LPCM		
Video Streaming	Interface	RJ-45, 10/100 Ethernet		
	Video Compression	MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile		
	Dual Streams	Normal Mode	H.264 3M (2048x1536) @25/30 fps + H.264 1080p @25/30 fps	H.264 5M (2592x1944) @25/30 fps + H.264 D1 @25/30 fps H.264 6M (3072x2048) @15 fps + H.264 1080p @15 fps
		HDR Mode	H.264 3M (2048x1536) @25/30 fps + H.264 D1 @25/30 fps	**H.264 4M (2688x1512) @25/30 fps + H.264 D1 @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG
	Quad Streams	Normal Mode	H.264 3M (2048x1536) @25/30 fps + H.264 1080p @25/30 fps + H.264 CIF @25/30 fps + H.264 CIF @25/30 fps	H.264 4M (2688x1512) @25/30 fps + H.264 720p @25/30 fps + H.264 VGA @25/30 fps + H.264 CIF @25/30 fps Note: One of the streamings (2M or under) can be set as MJPEG
		HDR Mode	H.264 3M (2048x1536) @25/30 fps + H.264 CIF @25/30 fps + H.264 CIF @25/30 fps	**H.264 4M (2688x1512) @25/30 fps + H.264 720p @25/30 fps + H.264 VGA @25/30 fps + H.264 CIF @25/30 fps
	Video Resolution	H.264	3M (2048x1536) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF	4M (2688x1512 or 2560x1440) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF
		MJPEG	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	Two-way Audio		
Alarm	Input	1 Set 5V 10KΩ pull up		
	Output	1 Set Photo Relay Output 300V DC/AC		
Audio	Line in	Max 6.2 Vpp for line signal Input impedance: 33KΩ		
	Microphone in	Max 1 Vpp for microphone Input impedance: 33KΩ		
Event Notification	HTTP / FTP / SMTP			
SD	microSDXC 64GB support			
Supported Web Browser	Internet Explorer (7.0+) / Firefox / Safari			
User Account	20			
Password Levels	User and Administrator			
Mechanical				
Built-in IR Illuminator*	Working Distance	up to 40 m		
	Wavelength	850 nm		
LED Indicator	Number of LEDs	8		
	Type	Power / ACT ; Status		
Connectors	Alarm	Indoor 4 of 8 Pin Terminal Block (Female)		
	Power	Outdoor 4 Pin Terminal Block (Male)		
	Ethernet	2 Pin Terminal Block (Male)		
	Analog Video	1.0 Vp-p / 75 Ω / BNC cable* (Installation purpose)		
Audio	Line In/Line Out	1.0 Vp-p / 75 Ω / BNC cable		
	3.5mm jack for mic/line	Line In/Line Out 3.5mm jack for mic/line Tip : signal/ bias, Ring : signal/ bias, Sleeve : ground		
General				
Start-Up Temperature	w/o Heater	-20°C ~ 55°C (-4° ~ 131°F)		
	w/Heater	powered by DC12V/AC24V/PoE: -40°C ~ 55°C (-40° ~ 131° F)		
Operating Temperature	w/o Heater	-30°C ~ 55°C (-22° ~ 131°F)		
	w/Heater	powered by DC12V/AC24V/PoE: -40°C ~ 55°C (-40° ~ 131° F)		
Humidity	10% ~ 90%, No Condensation			
Weatherproof Standard*	IP66			
Dimension	Ø 117 x 106.3 mm (Ø 4.6 x 4.2 in.)			
Weight	512 g (1.13 lb)			
Power Source	Operation(802.3af) System	DC 12V / AC 24V / PoE		
	Operation(802.3af) Others	DC 12V: 3.64W / AC 24V: 3.6W / PoE: 3.7W		
Power Consumption	Cold start (802.3af) Heater	Zoom/Motorized Lens: +0.55W / IR LED: +4W / Heater: +4W / ICR Switching: +0.5W / SD Card: +0.6W		
Regulatory	4W CE / FCC/RoHS			

* mark for optional items

**Only available for SW version after 2016.1 (x1201601xxNSP)

Product specification and availability are subject to change without notice.



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