

# DynaHawk™ QL Series

## Prime HDR Micro Dome IP Camera



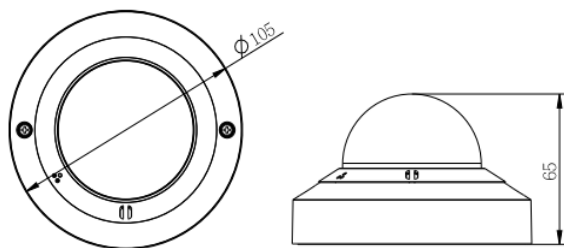
The Premium HDR Micro Dome IP Camera is a high-end surveillance solution with easy set up design. Supporting up to 4M video and Quad Streams Codec (H.264 Baseline / Main / High Profile + MJPEG) offers supreme image quality while keeping efficient bandwidth for storage management.

Equipped with HDR function, QL Series provides up to 2M real-time stream with 2 shutter WDR image, which is suitable for scenarios under extreme light contrast or environments with changing lighting.

The compact outlook design of QL Series is ideal for discreet installations where space is limited, makes install and setup quickly and easily, with 3-axis mechanism, a factory-focused lens and a simple PoE connection.

### Key Features

- Multiple Progressive Scan CMOS Sensor Support 4M 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
- Smart Event Function-  
Motion Detection / Network Failure Detection / Tampering Alarm / Periodical Event / Manual Trigger / Audio Detection
- Text Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Network Failure Detection
- True Day/Night Function (ICR)
- IR LED Module support
- BNC Analog Output
- Weatherproof (IP66 International)\*
- 64GB SDXC SD Card support
- ONVIF Profile S Support



# DynaHawk™ QL Series - Prime HDR Micro Dome IP Camera

Camera		Q25H-L	Q2V6-L
Image Sensor		1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS
Effective Pixels		2M (1920x1080)	4M (2688x1520)
Minimum Illumination	Color	0.08 lux	0.1 lux
	B/W	0.008 lux	0.01 lux
Shutter Speed		1 ~ 1/10000 sec.	
S/N ratio		>50dB	>50dB
Lens			
Lens		Fixed focal	Fixed focal
Focal Length		2.8mm	2.8mm
F Number		F2.0	F2.0
FOV		102°	100°
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Backlight Compensation	On / Off	
	White Balance	AWB / ATW / Manual / One Push	
	Noise Reduction	Low / Middle / High / Off (w/ Motion Compensation)	
	Wide Dynamic Range	Shutter WDR On / Off (120 dB)	
	Privacy Mask	On / Off	
	Brightness	Manual	
	Exposure	Auto / Manual	
	Sharpness	Manual	
	Contrast	Manual	
	Saturation	Manual	
	Hue	Manual	
	Digital Zoom	Support	
	ICR	Auto / On / Off / Smart	
	ICR+IR LED*	Auto / LED On / LED Off / Smart IR / Light Sensor	
Event Setting	Day/Night Threshold	Support	
	Motion Detection	On / Off / By Schedule	
	Tampering Alarm	On / Off / By Schedule	
	Network Failure Detection	On / Off / By Schedule	
Audio	Audio Detection	On / Off	
	Two-way Audio	Embedded Mic & Speaker or Line in & Line out *	
Compression	G.711 / G.726 / AAC / LPCM		
Network			
Interface		RJ-45, 10/100 Mbps Ethernet	
Video Compression		H.264 (MPEG-4 Part 10/AVC) / MJPEG	
Video Streaming	Dual Streams	Normal Mode	H.264 1080P @ 25/30 fps + H.264 SXGA @ 25/30 fps
		HDR Mode	H.264 1080P @ 25/30 fps + H.264 SVGA @ 25/30 fps
	Quad Streams	Normal Mode	H.264 1080p@25/30 fps + H.264 720p @25/30 fps + H.264 D1 @25/30 fps + H.264 CIF @25/30 fps
		HDR Mode	H.264 1080p(30/25 fps) + H.264 cif(30/25 fps) + H.264 cif(30/25 fps) + H.264 3M (2304x1296) @ 25/30 fps + H.264 VGA@25/30 fps + H.264 CIF@25/30 fps
Video Resolution	H.264	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF	4M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF
Protocol	MJPEG	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF	
Security		IPV4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Alarm	Input	HTTPS / IP Filter / IEEE 802.1X	
	Output	1 Set 5V 10KΩ pull up 1 Set Photo Relay Output 300V DC/AC	
Audio	Line in	Max 6.2 Vpp for line signal Input Impedance: 20KΩ	
	Microphone in	Max 1 Vpp for microphone Input impedance: 10KΩ Build-in power mic : powered by DC12V	
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			
Lens Mounting		M12 Board Lens	
Built-in IR Illuminator*	Working Distance	Up to 15m	
	Wavelength	850 nm	
	Number of LEDs	4	
LED Indicator		Power / Link / ACT	
Power Connection		PoE / DC12-48V	
	Power	2 Pin Terminal Block	
Connectors	Ethernet	RJ-45	
	Analog Video	1.0 Vp-p / 75 Ω, BNC	
	Audio*	Line in / Line Out Line in: 3.5mm jack for mic/line, Tip : signal/ bias, Ring : signal/ bias, Sleeve : ground	
General			
Operating Temperature		-20°C ~ 55°C (-4°F ~ 131° F)	
Humidity		10% ~ 90%, No Condensation	
Weatherproof Standard*		IP66*	
Dimension		Ø 105 x 65 mm (Ø 4.13 x 2.56 in.)	
Weight		248g (0.55lb)	
Power Source		PoE / DC12V	
Power Consumption	Operation(802.3af) System	3.64W	
	Operation(802.3af) Others	IR LED: +2.64W / SD Card: +0.6W	
Regulatory		CE / FCC/RoHS	

\* mark for optional items

Product specification and availability are subject to change without notice.



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