

DynaHawk™ QE Series

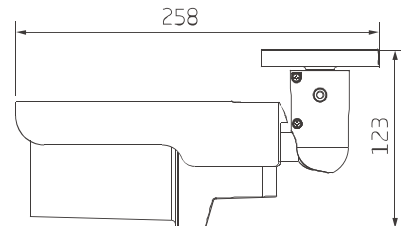
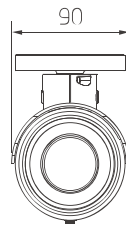
Prime HDR IR Bullet IP Camera



The Prime HDR IR Bullet IP Camera is a high-end surveillance solution with compact and easy set-up design. Supporting up to 3M real-time video and Quad Streams Codec (H.264 Baseline/ Main / High Profile + MJPEG), the camera offers supreme image quality while keeping efficient bandwidth for storage management. Also, the camera is equipped with HDR function and provides 2 shutter WDR images, which is suitable for scenarios under extreme light contrast or environments with changing lighting. Software features, such as Privacy masks and ROI windows, further extend the range of camera application. The built-in IR LED module emits sufficient infrared lights to light up the area under surveillance without the help of any additional lighting devices. The cable management bracket not only saves the time on installation but also keeps the cables from sabotage. Furthermore, with the international IP67 rating and weather-proof design, the Superior HDR IR Bullet IP Camera can also perform stably in harsh environments.

Key Features

- Multiple Progressive Scan CMOS Sensor Support 4M Resolution
- Shutter 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 or Image Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Network Failure Detection
- Vandal Proof (IK10 Rating)
- True Day/Night Function (ICR)
- IR LED Module support (working distance up to 40m) *
- BNC Analog Output*
- Weatherproof (IP67 International)
- Integrated Mounting Bracket with Cable Management
- ONVIF Profile S Support



DynaHawk™ QE Series - Prime HDR IR Bullet IP Camera

Camera		Q25H-E		Q2V6-E	
Image Sensor		1/2.8" Sony Progressive CMOS		1/3" Progressive CMOS	
Effective Pixels		2M		4M (2688x1520)	
Minimum Illumination	Color	0.02 lux		0.1 lux	
	B/W	0.001 lux		0.01 lux	
Shutter Speed				1 ~ 1/10000 sec.	
S/N Ratio				>50dB	
Lens					
Lens		Motorized	Auto focus(3X)	Vari-focal	Motorized
Focal Length		3-9 mm	3-9 mm	2.8-12 mm	3-9 mm
F Number		F1.7	F1.2	F1.4	F1.8
FOV		114 ° (Wide); 39 ° (Tele)	113 ° (Wide); 36 ° (Tele)	91.61 °(Wide); 34.29 ° (Tele)	96.21 °(Wide); 36.09 ° (Tele)
				109 ° (Wide); 33 ° (Tele)	109.1 ° (Wide); 35.2 ° (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		Low / Middle / High / Off (w/ Motion Compensation)		
	Wide Dynamic Range		Shutter WDR On/Off (120dB)		
	Privacy Mask		On/Off		
	Brightness		Manual		
	Exposure		Auto / Manual		
	Sharpness		Manual		
	Contrast		Manual		
	Saturation		Manual		
	Hue		Manual		
	Digital Zoom		Support		
	Privacy Mask		On/Off		
	Event Setting	ICR		Auto/ Day / Night	
ICR + IR LED*		Auto / LED On / LED Off /Light Sensor / Day / Night			
Day/Night Threshold		Support			
Motion Detection		By Schedule / On / Off			
Tampering Alarm		By Schedule / On / Off			
Audio	Network Failure Detection		By Schedule / On / Off		
	Audio Detection		On / Off		
	Two-way Audio		Line in / Line Out		
		Compression		G.711 / G.726 / AAC / LPCM	
Network					
Interface		RJ-45, 10/100Mbps Ethernet			
Video Compression		MJPEG / H.264 (MPEG-4 Part 10/AVC) Baseline / Main Profile / High Profile			
Video Streaming	Dual Streams	Normal Mode	H.264 1080P @25/30 fps + H.264 SXGA @25/30 fps		
			3M @ 25/30fps + SVGA @ 25/30fps 4M @ 15fps + XGA @ 15fps Note: 1 of the 2M or under streamings can be MJPEG		
	HDR Mode	H.264 1080P @25/30 fps + H.264 SVGA @25/30 fps			
		1080p @ 25/30fps + D1 @ 25/30fps Note: 1 of the 2M or under streamings can be MJPEG			
	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		
Video Resolution	H.264	Normal Mode	H.264 1080p(30/25 fps) + H.264 cif(30/25 fps) + H.264 CIF@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 CIF@25/30 fps + H.264 CIF @25/30 fps		
		Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA			
	MJPEG	4M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF			
	Protocol	Full HD 1080P / SXGA / HD 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		
			2 Set		
	Output		5V 10kΩ pull up		
Audio			1 Set		
			Photo Relay Output 300V DC/AC		
	Line in		Max 6.2 Vpp for line signal		
			Input Impedance: 33KΩ		
	Microphone in		Max 1 Vpp for microphone		
Event Notification		Input impedance: 33KΩ			
SD		HTTP / FTP / SMTP			
Supported Web Browser		SDXC 64GB support			
User Account		Internet Explorer (7.0+) / Firefox / Safari			
Password Levels		20			
		User and Administrator			
Mechanical					
Built-in IR Illuminator*	Working Distance		up to 40 m		
	Wavelength		850 nm		
	Number of LEDs		6		
LED Indicator			Power / ACT		
	Alarm		5 Pin Terminal Block		
	Power		2 Pin Terminal Block		
Connectors	Ethernet		RJ-45		
	Analog Video		1.0 Vp-p / 75 Ω, BNC*		
			Line In/Line Out		
	Audio		3.5mm jack for mic/line		
			Tip : signal/ bias, Ring : signal/ bias, Sleeve : ground		
General					
Start-Up Temperature		w/o heater: -20°C (-4°F) w/ heater: -55°C (-67°F)			
Operating Temperature		-30°C ~ 55°C (-22° ~ 131°F)			
Humidity		w/Heater, powered by DC12V/AC24V/PoE: -50°C ~ 55°C (-58° ~ 131° F)			
Weatherproof Standard*		10% ~ 90%, No Condensation			
Dimension		IP67			
Weight		Ø 90x 258 mm (Ø 3.54 x 10.16 in.)			
Power Source		840 g (1.85 lb)			
Power Consumption	Operation(802.3af) System		DC 12V / AC 24V / PoE		
	Operation(802.3af) others		DC 12V: 3W / AC 24V: 2.8W / PoE: 2.6W		
	Cold start (802.3af) Heater		Zoom/Motorized Lens: +0.55W / IR LED: +4W/ Heater: +4W / SD Card: +0.6W /ICR Switching:+0.5W		
	Regulatory		8.5W		
			CE / FCC/RoHS		

* mark for optional items

Product specification and availability are subject to change without notice.



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