

DynaHawk™ Q5 Series

Prime HDR IR Bullet IP Camera

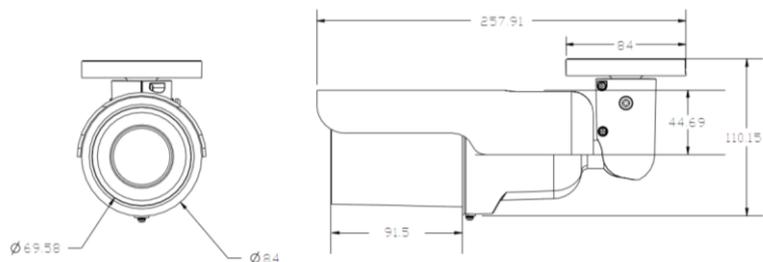


The Prime HDR IR Bullet IP Camera is a high-end surveillance solution with easy set-up design. Supporting up to 3M real-time video and Quad Streams Codec (H.264 Baseline/ Main / High Profile + MJPEG), the camera offers supreme image quality while keeping efficient bandwidth for storage management. Also, 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. With the international IP66 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 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 50m) *
- BNC Analog Output
- Weatherproof (IP66 International)
- Integrated Mounting Bracket with Cable Management
- ONVIF Profile S Support



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Camera		Q2V6-5		
Image Sensor		1/3" Progressive CMOS		
Effective Pixels		4M (2688x1520)		
Minimum Illumination	Color	0.1 lux		
	B/W	0.01 lux		
Shutter Speed		1 ~ 1/10000 sec.		
S/N ratio		>50dB		
Lens				
Lens	Motorized	Vari-Focal	Auto Focus	
Focal Length	3-9 mm	2.8 -12 mm	3-9 mm	
F Number	F1.7	1.4	F1.2	
FOV	109 ° (Wide); 33 ° (Tele)	TBD	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		
Network Failure Detection		By Schedule / On / Off		
Audio Detection		On / Off		
Audio		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	3M @ 25/30fps + SVGA @ 25/30fps 4M @ 15fps + XGA @ 25/30fps Note: 1 of the 2M or under streamings can be MJPEG	
		HDR Mode	1080p @ 25/30fps + D1 @ 25/30fps Note: 1 of the 2M or under streamings can be MJPEG	
	Quad Streams	Normal Mode	H.264 3M (2304x1296) @ 25/30 fps + H.264 VGA@25/30 fps + H.264 CIF@25/30 fps + H.264 CIF @25/30 fps	
		HDR Mode	H.264 1080p @ 25/30 fps + H.264 SVGA@15 fps + H.264 CIF@15 fps + H.264 CIF@15 fps	
Video Resolution	H.264	4M (2688x1512) / Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF		
Protocol	MJPEG	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 2 Set 5V 10kΩ pull up		
	Output	1 Set Photo Relay Output 300V DC/AC		
Event Notification	HTTP / FTP / SMTP			
SD	SDXC 64GB support			
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari			
User Account	20			
Password Levels	User and Administrator			
Mechanical				
Built-in IR Illuminator*	Working Distance	up to 50 m		
	Wavelength	850 nm		
LED Indicator	Number of LEDs	6		
		Power / ACT		
Connectors	Alarm	5 Pin Terminal Block		
	Power	2 Pin Terminal Block		
	Ethernet	RJ-45		
	Analog Video	1.0 Vp-p / 75 Ω, BNC		
	Audio	Stereo phone jack, Ø 3.5 mm		
	RS-485	D+, D-		
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: -55°C ~ 55°C (-67° ~ 131° F)			
Weatherproof Standard*	10% ~ 90%, No Condensation			
Dimension	IP66			
Weight	Ø 90 x 270 mm (Ø 3.3 x 7.6 in.)			
Power Source	TBD			
Power Consumption	Operation(802.3af) System	DC 12V / DC24V / AC 24V / PoE 3.64W		
	Operation(802.3af) others	Zoom/Motorized Lens: +1.1W / IR LED: +4W / Heater: +4W / SD Card: +0.6W / ICR switching: +0.5W		
	Cold start (802.3af) Heater	4W		
Regulatory	CE / FCC			

* mark for optional items

Product specification and availability are subject to change without notice.



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