

DynaHawk™ Q6 Series

Prime HDR Box IP Camera



Equipped with industrial-grade streaming compression technology, supporting up to 4M video and quad streams codec, the Prime HDR Box IP Camera offers supreme image quality while keeping efficient and valuable network bandwidth for storage management.

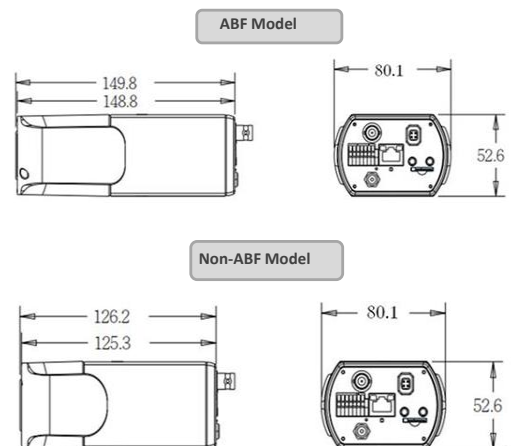
Possessing line-by-line HDR technology, camera can also have premium performance under extreme low light contrast scenario or fluctuate lighting environment.

Furthermore, with smart event function, alarm / motion can be categorized by event types, which makes event management much easier. The camera offers strengthened support for surveillance application that demands consistent precision focus control while high resolution and superior video quality are requisite.

In addition, considering that precise focus adjustment can be difficult during installation, the auto back focus mechanism is designed to allow simple control with just one click.

■ Key Features

- Multiple Progressive Scan CMOS Sensor Support 4M Resolution
- Multi-exposure HDR
- Auto Back Focus*
- Low Latency Live Streaming
- Low Power Consumption on Encoding
- Quad codec support (H.264 Baseline / Main Profile / High Profile / MJPEG)
- Quad Streams Support
- Smart Event Function
 - Audio Detection / Motion Detection / Network Failure Detection / Tampering Alarm
- Text Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- BNC analog output
- 64GB SDXC SD Card support
- ONVIF Profile S Support
- RS 485 Support



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Camera		Q2SH-6	Q2SD-6	Q2V6-6	
Image Sensor		1/2.8" Sony Progressive CMOS	1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS	
Effective Pixels		2M (1920x1080)	3M (2048x1536)	4M (2688x1520)	
Minimum Illumination	Color	0.04 lux	0.04 lux	0.1 lux	
	B/W	0.002 lux	0.002 lux	0.01 lux	
Shutter Speed			1 ~ 1/10000 sec.		
S/N Ratio			>50dB		
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	AWB / ATW / Manual / One Push			
	Noise Reduction	3DNR / 2DNR / ColorNR			
	Wide Dynamic Range	Shutter WDR On/Off (120dB)			
	Privacy Mask	On / Off			
	Privacy Mask Type	Black			
	Brightness	Manual			
	Exposure	Auto / Manual			
	Sharpness	Manual			
	Contrast	Manual			
	Saturation	Manual			
	Hue	Manual			
	Digital Zoom	Support			
Event Setting	Audio Detection	On / Off			
	Motion Detection	On / Off / By Schedule			
	Network Failure Detection	By Schedule / On / Off			
	Tampering Alarm	On / Off / By Schedule			
Audio	Two-way Audio	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	H.264 3M (2048x1536) @25/30 fps + H.264 D1 @25/30 fps	3M @ 25/30fps + SVGA @ 25/30fps 4M @ 15fps + XGA @ 25/30fps 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	H.264 1080p @25/30 fps + H.264 D1 @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	H.264 3M (2048x1536) @25/30 fps + H.264 cif @25/30 fps + H.264 cif @25/30 fps + H.264 cif @25/30 fps	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	1080p(30/25 fps) + cif(30/25 fps) + cif(30/25 fps) + cif(30/25 fps)	H.264 1080p @25/30 fps + H.264 cif @25/30 fps + H.264 cif @25/30 fps + H.264 cif @25/30 fps	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	Full HD 1080P / SXGA / 720P / XGA / SVGA / D1 / VGA / CIF / QVGA			3M (2048x1536) / Full HD 1080P / SXGA / 720P / XGA / SVGA / 4M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QVGA / VGA / CIF
	MJPEG	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF			
Protocol		ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF			
Security		HTTPS / IP Filter / IEEE 802.1X			
Alarm	Input	2 Set			
		5V 10kΩ pull up			
	Output	1 Set			
Event Notification		Photo Relay Output 300V DC/AC			
Micro SD		HTTP / FTP / SMTP			
Supported Web Browser		microSDXC 64GB support			
User Account		Internet Explorer (7.0+) / Firefox / Safari			
Password Levels		20			
		User and Administrator			
Mechanical					
Lens Mounting		CS Mount			
LED Indicator		Power / Link / ACT			
Connectors	Auto Iris	P-iris			
	Alarm	4 Pin Terminal Block, Pitch 3.5 mm			
	Power	3pin Terminal Block			
	Ethernet	RJ-45			
	Analog Video	1.0 Vp-p / 75 Ω, BNC			
	Audio	Built-in Microphone or Two-way Audio (Line in / Line out)*			
	RS-485	D+,D-			
General					
Start-up Temperature		-15°C (5° F)			
Operating Temperature		-20°C ~ 55°C (-4° ~ 130° F)			
Humidity		10% ~ 90%, No Condensation			
Dimension		125 x 82 x 52 mm (L x W x H) w/o Lens			
Weight		330 g (0.73 lb)			
Power Source		PoE / DC 12V / DC 24V / AC 24V			
Power Consumption	Operation(802.3af) System	3W			
	Operation(802.3af) Others	ICR Switching: +0.5W/ ABF: +3.2W /SD: +0.6W			
Regulatory		CE / FCC / RoHS			

* mark for optional items

Product specification and availability are subject to change without notice.



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