

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.

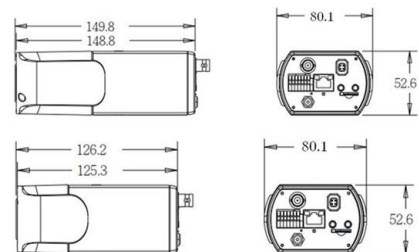
Possessing line-by-line HDR technology, camera can also have premium performance under extreme low light contrast scenario or fluctuate lighting environment.

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



DynaHawk™ Q6 Series - Prime HDR Box IP Camera

Camera		Q2V6-6	
Image Sensor		1/3" Progressive CMOS	
Effective Pixels		4M (2688x1520)	
Minimum Illumination		TBD	
Shutter Speed		1 ~ 1/10000 sec.	
Operation			
Multiple Languages		English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese	
Image Setting	Iris Control	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	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	TBD	4M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / 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 Photo Relay Output 300V DC/AC	
		HTTP / FTP / SMTP	
Event Notification		HTTP / FTP / SMTP	
Micro SD		microSDXC 64GB support	
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari	
User Account		20	
Password Levels		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 / AC 24V	
Power Consumption	Operation(802.3af) System	2.55W	
	Operation(802.3af) Others:	ICR Switching: +0.5W	
Regulatory		CE / FCC / RoHS	

* mark for optional items

Product specification and availability are subject to change without notice.



DYNACOLOR, INC.

No. 116, Jou Tz Street, Neihu, Taipei 114, Taiwan

TEL: (886)2-2659-8898

FAX: (886)2-2659-8868

<http://www.dynacolor.com.tw>

info@dynacolor.com.tw