

# Dynacolor X6 Series

## Multiple Streams Ultra-WDR Box IP Camera



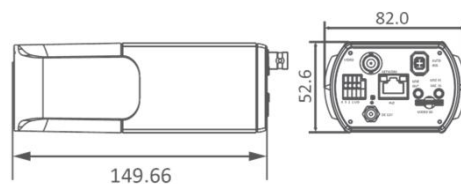
network Dynacolor X6™ series Multiple Streams Ultra Dynamic Range IP Cameras utilize Sony Xarina platform features with multiple streams, and supports up to 1080p @ 60 fps. Ultra Dynamic Range offers excellent image from combined two/four shutter speeds exposed pictures and provides camera capable to work under extreme high contrast environment.

Besides excellent wide dynamic range performance, with SONY latest CMOS sensor, X6 Series is also capable of handling the surveillance in nearly total darkness environment. Combining the advantages of shutter WDR and low light ability, X6 Series is especially ideal for traffic application and entrance surveillance.

Moreover, X6 is built-in with Auto Back Focus (ABF) function. User can simply adjust focus by clicking control buttons on webpage that makes focus adjustment easier and also makes remote focus tuning available after installation.

### ■ Key Features

- 1.3MP / 2MP SONY Progressive Scan CMOS Sensor
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Quad Stream Support
- Dual Streams: Full HD 1080P @ 60fps + D1 @ 30fps
- Ultra Dynamic Range
- Auto Back Focus (ABF)\*
- Text Overlay and Privacy Masks
- microSD Support
- BNC analog output
- RS-485 Support\*
- Triple Power Support- PoE / DC12V / AC24V\*
- ONVIF Profile S Conformance



Unit: (mm)

# Dynacolor X6 Series - Ultra-WDR Box IP Camera

Camera	X05B-6	X057-6	X056-6	
Image Sensor	1/1.9" Sony Progressive CMOS	1/2.8" Sony Progressive CMOS	1/3" Sony Progressive CMOS	
Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)	1280(H) x 1024(V)	
Minimum Illumination	0.002 lux@F1.2 (Color) 0.0002 lux@F1.2 (B/W)	0.01 lux@F1.2 (Color) 0.001 lux@F1.2 (B/W)	0.01 lux@F1.2 (Color) 0.001 lux@F1.2 (B/W)	
Shutter Speed		1 ~ 1/10000 sec.		
<b>Operation</b>				
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese			
Image Setting	Backlight Compensation	On / Off		
	White Balance	Auto / Manual / ATW / Indoor / Outdoor		
	2D/3D Noise Reduction	Low / Middle / High / Off		
	Wide Dynamic Range	Shutter WDR (96dB)	Shutter WDR (96dB)	Shutter WDR (120dB)
	Privacy Mask	On / Off		
	Brightness	Manual		
	Exposure	Auto / Manual		
	Sharpness	Manual		
	Contrast	Manual		
	Saturation	Manual		
	Hue	Manual		
	Digital Zoom	Support		
	Motion Detection	On / Off / By Schedule		
	Privacy Mask Type	Color		
	ICR	Auto / LED On / LED Off / Smart IR / Light Sensor*		
Audio	Tampering Alarm	On / Off / By Schedule		
	Digital Image Stabilization	On / Off		
	Two-way Audio	Line in / Line Out		
Auto Back Focus*	Support*			
<b>Network</b>				
Interface	RJ-45, 10/100/1000 Mbps Ethernet (Giga Ethernet)			
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG			
Video Streaming	Dual	PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps) NTSC: H.264 1080P(60 fps) + H.264 D1 (30 fps) H.264 1080P(60 fps) + MJPEG VGA (30 fps)	H.264 720P(50/60 fps) + H.264/MJPEG SVGA(50/60 fps)	
	Quad	H.264 1080P(25/30 fps) + H.264 720P(25/30 fps) + H.264 720P(25/30 fps) + H.264/MJPEG CIF(25/30 fps)	H.264 SXGA(25/30 fps) + H.264 720P(25/30 fps) + H.264 SVGA(25/30 fps) + H.264/MJPEG CIF(25/30 fps)	
Video Resolution	Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps or 25/30fps (2 shutter WDR)		SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps (2 shutter WDR) or 25/30fps (4 shutter WDR)	
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	1 Set 5V 10kΩ pull up		
	Output	1 Set Photo Relay Output 300V DC/AC		
Event Notification	HTTP / FTP / SMTP			
Micro SD	microSDHC 32GB support			
Supported Web Browser	Internet Explorer (6.0+) / Chrome / Firefox / Safari			
User Account	20			
Password Levels	User and Administrator			
<b>Mechanical</b>				
Lens Mounting	CS Mount			
LED Indicator	Power / Link / ACT			
Connectors	Auto Iris	DC Drive		
	Alarm	4 Pin Terminal Block, Pitch 3.5 mm		
	Power	DC jack or 3pin Terminal Block*		
	Ethernet	RJ-45		
	Analog Video	1.0 Vp-p / 75 Ω, BNC		
	Audio	Line in / Line Out		
	RS-485*	D+,D-		
<b>General</b>				
Operating Temperature	-10°C ~ 50°C (14° ~ 122° F)			
Humidity	10% ~ 90%, No Condensation			
Dimension	Non-ABF model: 125 x 82 x 52 mm (L x W x H) w/o Lens / ABF: 149.66 x 79.73 x 52.57 mm (L x W x H) w/o Lens			
Weight	Non-ABF model: 330 g (0.73 lb) w/o Lens / ABF model: 395g (0.87 lb) w/o Lens			
Power Source	PoE / DC12V / AC24V*			
Power Consumption	Non-ABF: 5.5W / ABF: 7.5W (PoE/DC12V model)			
Regulatory	CE / FCC			

\* 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