

DynaHawk™ W6 Series

Full HD Multiple Streams Box IP Camera



network DynaHawk™ W6 series Full HD Multiple Streams Box IP Cameras utilize Ambarella A5S platform features with multiple streams, and supports up to 5MP @ 12fps or 1080p @ 30 fps. Quad streaming is useful for remote monitoring while recording and local monitoring can still keep in high resolution.

W6 series also supports portrait mode function to reverse the aspect ratio of image to monitor straight interest region that enhances the flexibility for aisle, hallway, and gallery installation.

Moreover, the schedule function in W6 offers an easy way to change camera setting based on different time frame or ICR switch making W6 a 24-7 surveillance camera.

Key Features

- Progressive Scan CMOS Sensor
- 3MP / 5MP Resolution*
- Quad Streams Compression- H.264 Baseline / Main / High Profile + MJPEG
- Quad Stream Support
- Dual Streams: 5MP @ 12 fps + D1 @ 12 fps
3MP @ 15 fps + 720P @ 15 fps
Full HD 1080P @ 30fps + D1 @ 30fps
- Portrait Mode Support
- Wide Dynamic Range
- Text Overlay and Privacy Masks
- microSD Support
- BNC analog output
- RS-485 Support*
- Triple Power Support- PoE / DC12V / AC24V*
- ONVIF Support



Unit: (mm)

DynaHawk™ W6 Series - Box IP Camera

Camera	W3S1-6	W3A3-6	W3A2-6	
Image Sensor	1/2.8" Sony Progressive CMOS	1/3" Progressive CMOS	1/2.5" Progressive CMOS	
Effective Pixels	2048(H) x 1536(V)	2048(H) x 1536(V)	2592(H) x 1944(V)	
Minimum Illumination	0.2 lux (Color) @ F 1.2 0.02 lux (B/W) @ F1.2	0.2 lux (Color) @ F 1.2 (Gamma WDR) 0.02 lux (B/W) @ F1.2 (Gamma WDR)	0.2 lux (Color) @ F 1.2 0.02 lux (B/W) @ F 1.2	
Shutter Speed		1 ~ 1/10000 sec.		
Operation				
Multiple Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Traditional Chinese			
Image Setting	Backlight Compensation	On / Off		
	White Balance	AWB / ATW / Manual / One Push		
	3D Noise Reduction	On / Off		
	Wide Dynamic Range	Gamma WDR	Shutter WDR / Gamma WDR	Gamma WDR
	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 / On / Off / Smart		
Tampering Alarm	On / Off / By Schedule			
Audio	Two-way Audio	Line in / Line Out		
	Compression	G.711/G.726		
Network				
Interface	RJ-45, 10/100 Mbps Ethernet			
Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG			
Video Streaming	Dual Streams H.264 + MJPEG / H.264 + H.264 Quad Streams H.264 x 4 / H.264 x 3 + MJPEG			
Video Resolution	H.264- 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF		H.264- 5M / 3M / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF MJPEG- Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF	
Frame Rate	Dual Streams : 2048 x 1536 (15 fps) + 720p (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)		Dual Streams : 2952 x 1944 (12 fps) + D1 (12 fps) 2048 x 1536 (15 fps) + 720p (15 fps) 1080p (25 / 30 fps) + D1 (25 / 30 fps)	
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			
Mechanical				
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-			
General				
Operating Temperature	-10°C ~ 50°C (14° ~ 122° 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	4W			
Regulatory	CE / FCC			

* mark for optional items

Product specification and availability are subject to change without notice.



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