

Dynacolor W1-A



Dynacolor W1-A Full HD Real-Time Mini Fixed dome IP camera provides high definition video monitoring with superior sharp and clear images with exceptional details. W1-A delivers HDTV 1080P(1920*1080) resolution at full-frame rates of up to 15fps Real-Time video and excellent color representation.

Dynacolor W1-A supports Full HD 1080P / HD 720P real-time dual streaming including H.264, and MJPEG compression. In low lux environment the camera is capable of delivering clear image up to 0.1 lux and with the support of Power over Ethernet (IEEE 802.3af) the need of power outlets could be totally eliminated hence installation and cabling cost would be significantly reduced.

Dynacolor Megapixel and HDTV series IP cameras provide SDK (Software Development Kit) and are Onvif-conformance. It is supported for integration with third party VMSes (Video Management Software). The cameras are perfect for securing areas where accurate identification is needed such as vehicle license plate recognition for car parks, facial recognition in banks or spacious areas such as airports and shopping malls to provide images with a wide view, making it the ideal solution for a wide range of IP security Camera systems.

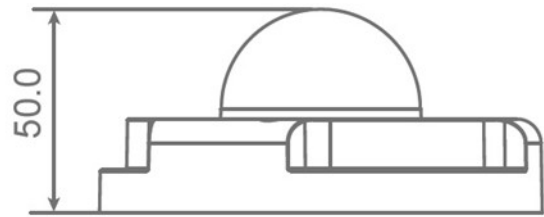
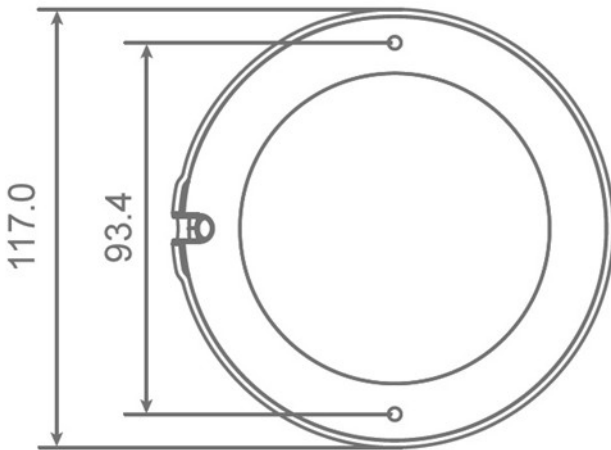
Key Features

2.1 Megapixel Progressive Scan CMOS	Privacy Mask
HDTV Quality - Full HD 1080P / HD 720P	Security Torx
H.264 and MJPEG compression	Micro SD Support*
f = 4mm, F1.5	PoE 802.3af Support
ePTZ	Onvif Support
WDR	

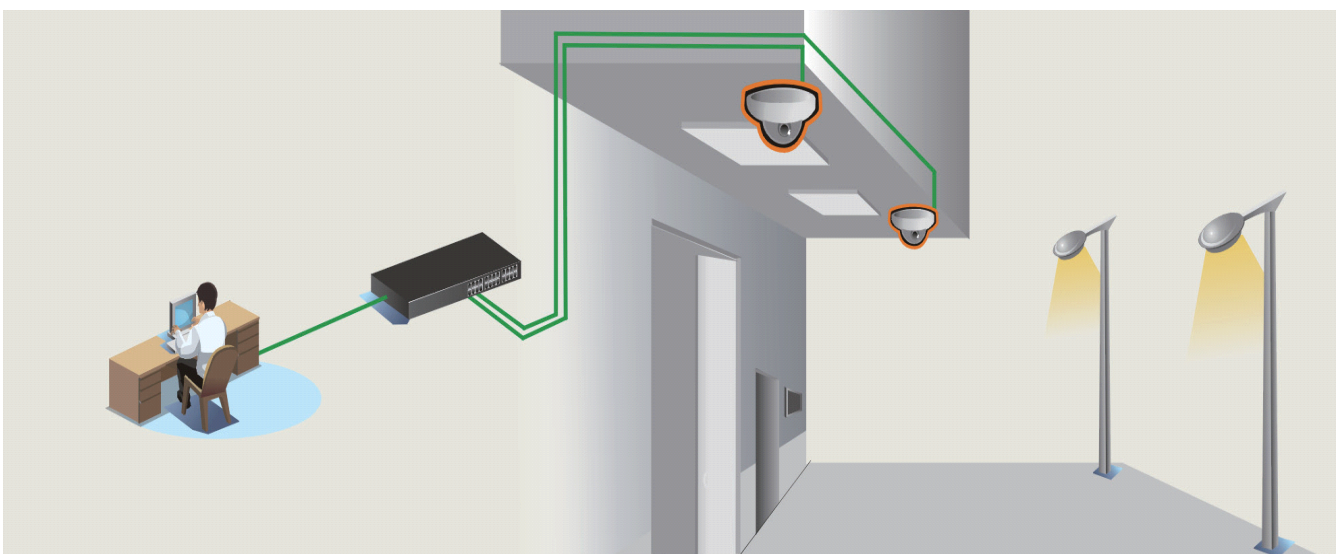
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1. MicroSD slot
2. RJ45 connector
3. Reset button



Unit: (mm)



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Item	W1-A	
Camera		
Image Sensor	1/2.7" Progressive CMOS	
Effective Pixels	1920(H) x 1080(V)	
Minimum Illumination	0.1 lux @ F 1.6	
Shutter Speed	1~ 1/10000 sec.	
White Balance	Manual / AWB / ATW	
Lens		
Lens Type	F1.5 / 4.0 mm Fixed Lens	
FOV	78° (f 4.0 mm)	
Operation		
Video Compression	H.264 / MJPEG	
Video Streaming	Quad Stream	
Resolution	H.264	Full HD 1080p/HD 720p/SXGA/D1/ VGA/QVGA/CIF
	MJPEG	Full HD 1080p/HD 720p/SXGA/D1/ VGA/QVGA/CIF
Frame Rate	Full HD 1080p 15 fps/ HD 720p/SXGA/D1/ VGA/QVGA/CIF 30 fps	
Image Setting	Brightness	Manual
	Exposure	Auto / Manual
	Sharpness	Manual
	Contrast	Manual
	White Balance	Auto / Manual
	Saturation	Manual
	Hue	Manual
	Digital Zoom	Support
	WDR	On/Off
	3D Noise eduction	On/Off
	Motion detection	On/Off
	Privacy Mask	On/Off
	Privacy Mask Type	Color
Audio*	On-way Audio*	Mic in
	Compression	G.711/G.726
Event Notification	HTTP, FTP, SMTP	
Multiple Languages	English, French, German, Italian, Korean, Simplified Chinese, Russian	
Network		
Interface	10/100Mbps Ethernet (RJ-45)	
Protocol	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP,SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF	
Password Levels	User and Administrator	
Security	HTTPS, IP Filter, IEEE 802.1X	
Internet Browser	Internet Explorer (6.0+), Chrome, Firefox, Safari	
User Account	20	

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Mechanical		
Lens Mounting	M12 Board Lens	
Connectors	Ethernet	RJ-45
	Micro SD*	microSDHC 32GB support
General		
Operating Temperature	-10C ~ 50C	
	Humidity: 10% to 90%, No Condensation	
Power Source	PoE	
Power Consumption(max.)	3.8W	
Regulatory	CE, FCC, RoHS Compliant	
Dimension	Ø 110 x 50 mm (Ø 4.3 x 2.0 Inches)	
Weight	80 g (0.40 lbs)	