

HZ10X0816DP

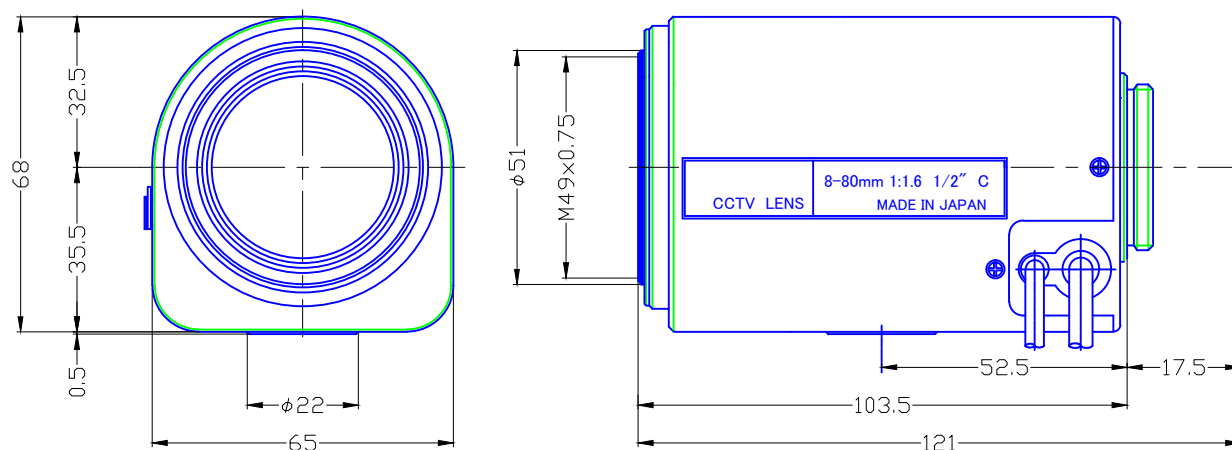
Type	AI ZOOM		Mount	C	1/2"	
Focal Length	8.0~80mm		Back Focus	16.49mm		
Fno.	F1.6		Mechanical Bf	17.5mm		
Designed Image Format	1/2"(4.8x6.4mm)		Exit Pupil	123.8mm		
Operation Range	Iris	F1.6-T360		Filter Size	M49x0.75mm	
	Focus	1m ~ ∞		Aperture	Front	∅40.0mm
	Zoom	8.0~80mm			Rear	∅12.8mm
Control	Iris	DC Galvanometer		Dimention	68x65x103.5mm	
	Focus	DC Motor				
	Zoom	DC Motor				Weight
Object Size at MOD	Wide	564 x760mm				
	Tele	46 x 60mm				
Field of View	D	54.0°~5.6°	1/3"	41.0°~4.35°		
	H	43.4°~4.6°		32.9°~3.51°		
	V	32.8°~3.5°		24.8°~2.65°		
Control	Iris		Focus		Zoom	
Driving Coil/Supply Volt.	182Ω		DC 6-12V		DC 6-12V	
Damping Coil/Current	1145Ω		60mA or less		60mA or less	
Response Time	-		4 - 8 sec.		4 - 9 sec.	
Potentiometer	-		10KΩ VR		10KΩ VR	
Light Measuring Method	-		-		-	
Input Signal	-		-		-	
Iris Accuracy	-		-		-	
Sensitivity Adjustment	-		-		-	
Operating Temperature	-10°C ~ +50°C					

1/2"

C

CD

DIMENSIONS



Wiring Diagram

1) 4-core Cable for Auto Iris

Yellow	Damping(-)
Green	Damping(+)
Red	Driving (+)
Black	Driving (-)

2) 4-core Cable for Focus / Zoom Control

Black	Focus (+)	Far to Near (-)	Near to Far
Green	Focus (-)	Far to Near (+)	Near to Far
Yellow	Zoom (+)	Wide to Tele (-)	Tele to Wide
Red	Zoom (-)	Wide to Tele (+)	Tele to Wide

3) 6-core Cable for Potentiometer to control zooming and focusing

Green	Focus (+)	Far to Near (≒9.5 - 0.5KΩ)
Blue	Focus (-)	
Purple	Zoom (+)	Wide to Tele (≒9.5 - 0.5KΩ)
Grey	Zoom (-)	
Black	Zoom (+)	