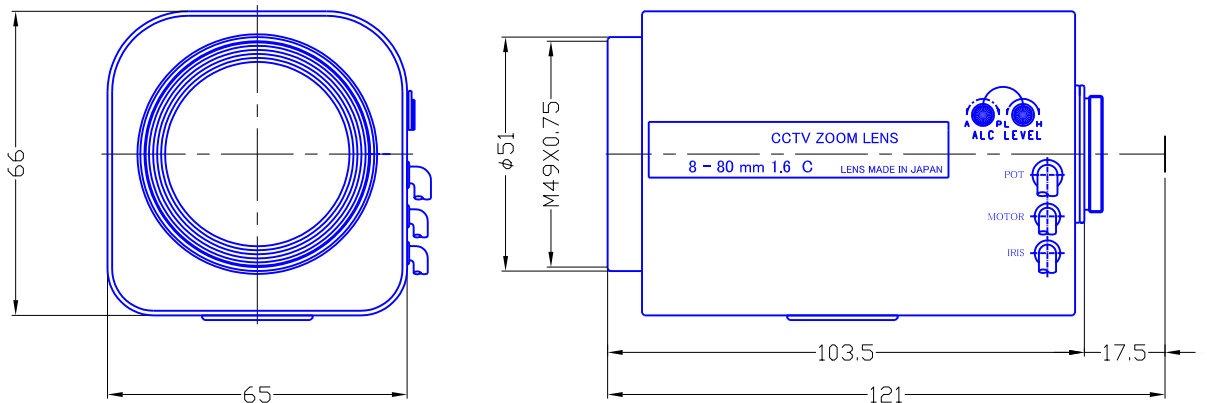


# HZ10X0816VP

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-F360	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		Weight	505g	
	Zoom	DC Motor				
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	-	1 - 2 sec.	1 - 2 sec.			
Potentiometer	-	10KΩ VR	10KΩ VR			
Light Measuring Method	Average to Peak(Factory set at Average)					
Input Signal	Video Signal (V or VS)					
Iris Accuracy	±15% at Video Signal Level					
Sensitivity Adjustment	0.4~1.0Vp-p(Video Signal)					
Operating Temperature	-10°C~+50°C					

1/2"  
C  
CVP

## DIMENSIONS



## Wiring Diagram

1) 3-core Cable for Auto Iris

RED	+ 12V
WHITE	Video
BLACK	GND

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