HZ8X0816VP

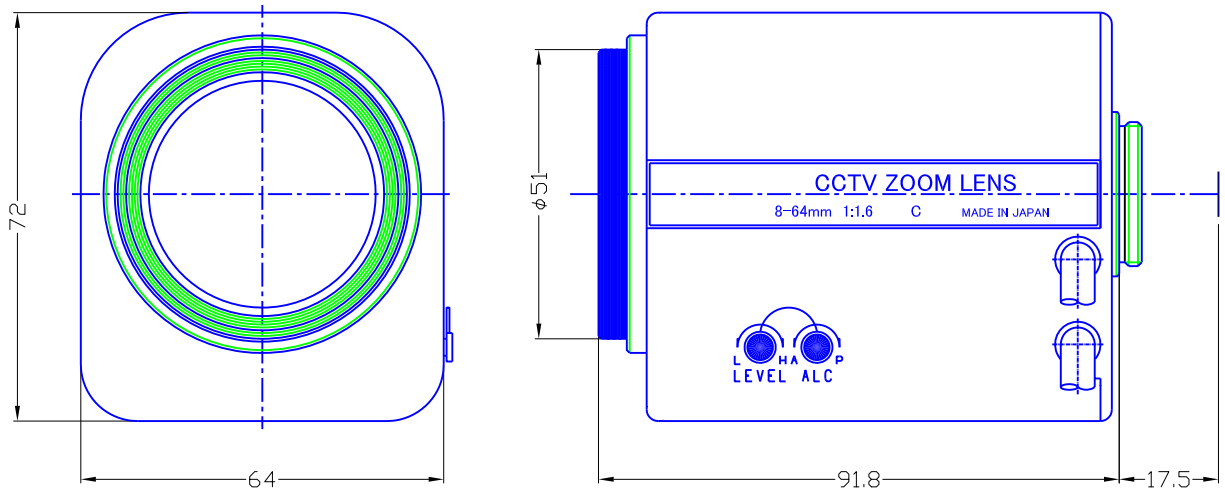
Type		AI ZOOM	Mount		C
Focal Length		8~64mm	Back Focus		14.74mm
Fno.		F1.6	Mechanical Bf		13.5mm
Designed Image Format		1/2"(4.8x6.4mm)	Exit Pupil		−533.2mm
Operation Range	Iris	F1.6−T360	Filter Size		M49x0.75mm
	Focus	1m ~ ∞	Aperture	Front	ø40.0mm
	Zoom	8~64mm		Rear	ø10.6mm
Control	Iris	DC Galvanometer			
	Focus	DC Motor	Dimention		72x64x91.8mm
	Zoom	DC Motor	Weight		430g
Object Size at MOD	Wide	562 x 754mm			
	Tele	73x 96mm			
Field of View	D	1/2" 55.0°~7.1°	1/3" 41.2°~5.4°		
	H	1/2" 44.0°~5.8°	1/3" 33.2°~4.4°		
	V	1/2" 33.2°~4.4°	1/3" 24.9°~3.3°		
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℃~+50℃			

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