

HZ31X1015VP

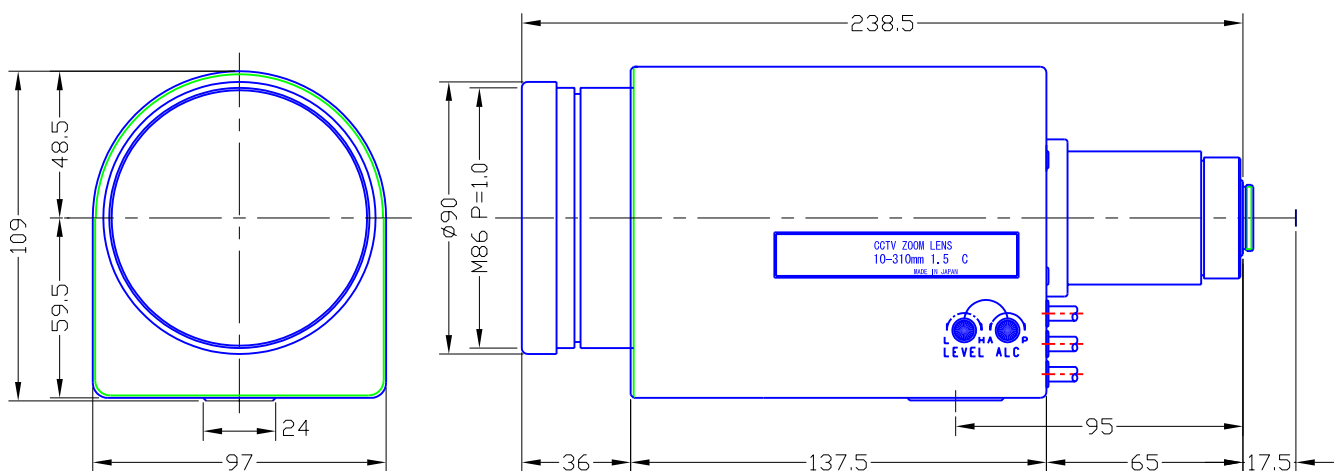
Type	AI ZOOM	Mount	C			
Focal Length	10~310mm	Back Focus	14.57mm			
Fno.	F1.5	Mechanical Bf	17.5mm			
Designed Image Format	1/2"(4.8x6.4mm)	Exit Pupil	94.00mm			
Operation Range	Iris	F1.5-F1000	Filter Size	M86x0.75mm		
	Focus	2.8m - ∞	Aperture	Front	∅ 80.1mm	
	Zoom	10~310mm		Rear	∅ 17.3mm	
Control	Iris	DC Galvanometer	Dimension	100x109.5x238.5mm		
	Focus	DC Motor		Weight	2150 g	
	Zoom	DC Motor				
Object Size at MOD	Wide	1259 x 1683mm				
	Tele	41.8 x 55.6mm				
Field of View	D	43.8°~1.48°	1/3"	33.2°~1.19°		
	H	35.3°~1.27°		26.7°~0.90°		
	V	26.7°~0.90°		20.1°~0.68°		
Control	Iris	Focus	Zoom			
Driving Coil/Supply Volt.	DC 6-12V	DC 6-12V	DC 6-12V			
Damping Coil/Current	60mA or less	60mA or less	60mA or less			
Response Time	about 3 sec.	about 14 sec.	about 7 sec.			
Potentiometer	10KΩ VR	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 to +50 Celsius					

1/2"

C

VP

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 (10KΩ ±15%)
Blue	Focus (-)	
Purple	Focus (+)	
Gray	Zoom (+)	Wide to Tele (10KΩ ±15%)
White	Zoom (-)	
Black	Zoom (+)	