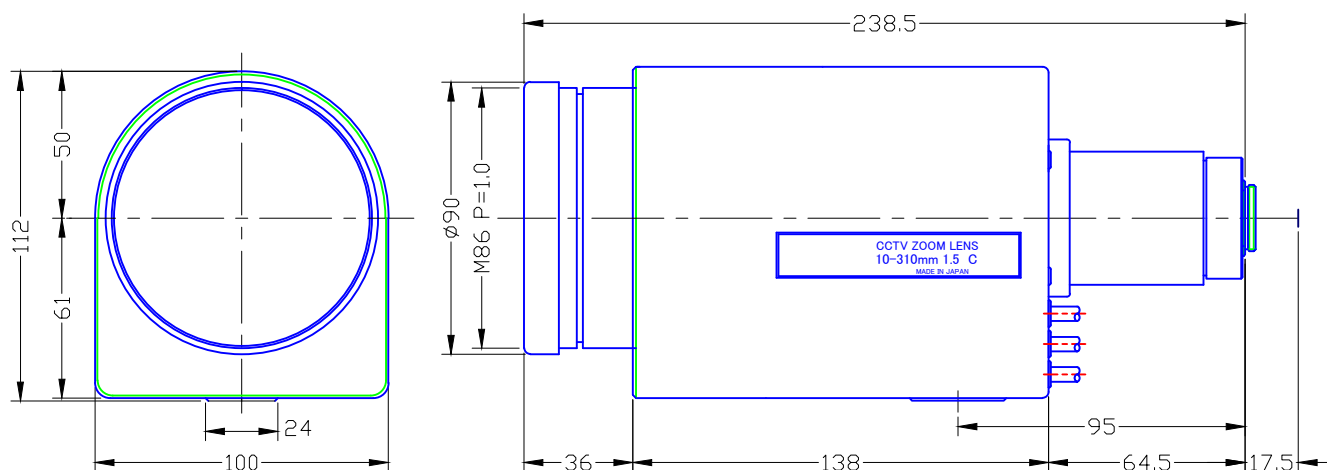


HZ31X1015D

Type	AI ZOOM		Mount	C	1/2"		
Focal Length	10~310mm		Back Focus	14.57mm			
Fno.	F1.5		Mechanical Bf	17.5mm	C		
Designed Image Format	1/2"(4.8x6.4mm)		Exit Pupil	94.00mm			
Operation Range	Iris	F1.5-F1000	Filter Size	M86x0.75mm	D		
	Focus	2.8m ~ infinity	Aperture	Front		∅ 80.1mm	
	Zoom	10~310mm		Rear		∅ 17.3mm	
Control	Iris	DC Motor	Dimention	112x100x238.5mm	C		
	Focus	DC Motor				Weight	1850 g
	Zoom	DC Motor					
Object Size at MOD	Wide	1259 x1683mm					
	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.	190Ω		DC 6-12V		DC 6-12V		
Damping Coil/Current	1150Ω		60mA or less		60mA or less		
Response Time	Approx 4-8 sec.		about 14 sec.		about 7 sec.		
Potentiometer			10KΩ VR		10KΩ VR		
Light Measuring Method							
Input Signal							
Iris Accuracy							
Sensitivity Adjustment							
Operating Temperature	-10 ~ +50 Celsius						

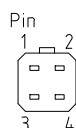
DIMENSIONS



Wiring Diagram

1) 4-core Cable for Galvano Type

Pin No.1	Damping (-)
2	Damping (+)
3	Driving (+)
4	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