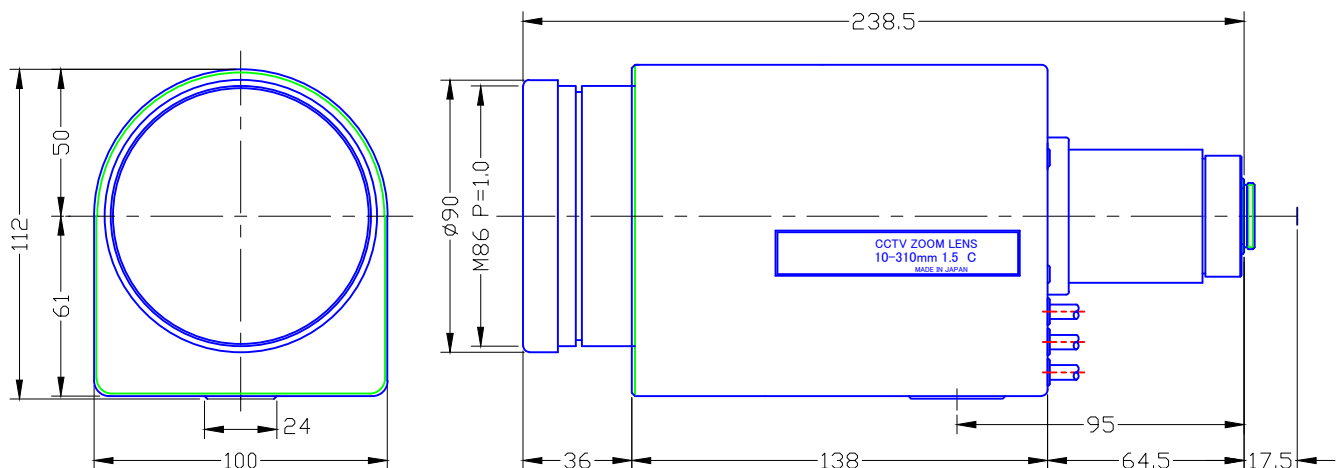


HZ31X1015DP

Type	AI ZOOM		Mount	C	1/2"	
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-T1000		Filter Size	M86x0.75mm	
	Focus	2.8m ~ infinity		Aperture	Front	∅ 80.1mm
	Zoom	10~310mm			Rear	∅ 17.3mm
Control	Iris	DC Motor		Dimention	112x100x238.5mm	
	Focus	DC Motor				
	Zoom	DC Motor				Weight
Object Size at MOD	Wide	1259 x1683mm				
	Tele	41.8 x 55.6mm				
Field of View	D	1/2"	43.8°~1.48°	1/3"	33.2°~1.19°	
	H	1/2"	35.3°~1.27°	1/3"	26.7°~0.90°	
	V	1/2"	26.7°~0.90°	1/3"	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					

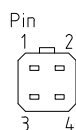
DIMENSIONS



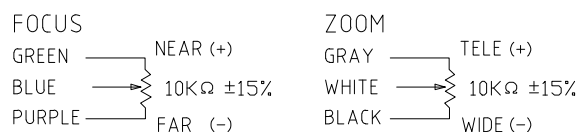
Wiring Diagram

1) 4-core Cable for Galvano Type

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



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



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