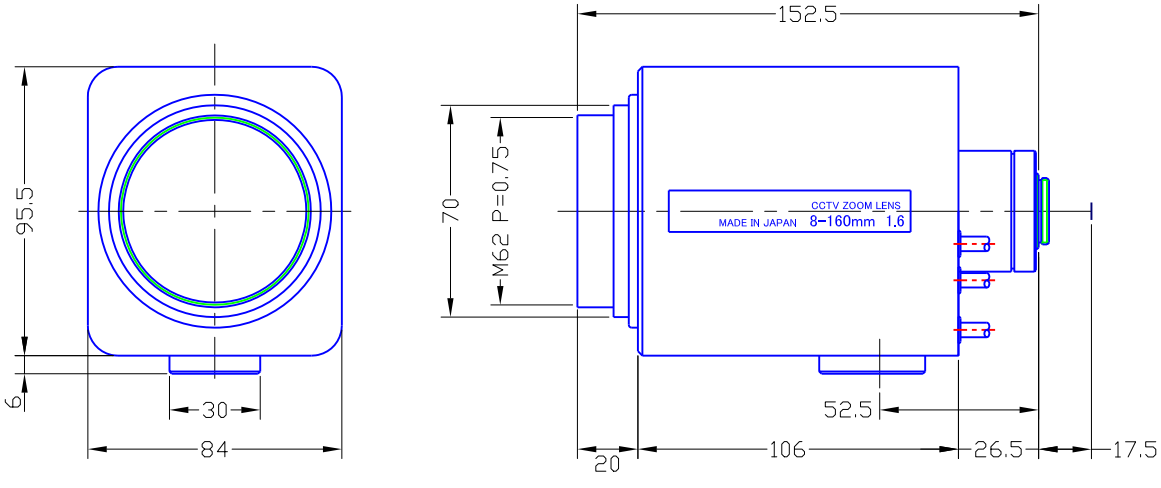
HZ20X0816VPIR

Type		AI ZOOM	Mount		C
Focal Length		8~160mm	Back Focus		14.06mm
Fno.		F1.6	Mechanical Bf		17.5mm
Designed Image Format		1/2"(4.8x6.4mm)	Exit Pupil		−451.26mm
Operation Range	Iris	F1.6−F1000	Filter Size		M62x0.75mm
	Focus	1.5m ~ ∞	Aperture	Front	ø 58 mm
	Zoom	8~160mm		Rear	ø 12.1mm
Control	Iris	DC Motor			
	Focus	DC Motor	Dimention		84x95.5x152.5mm
	Zoom	DC Motor	Weight		1400g
Object Size at MOD	Wide	829 x1099mm			
	Tele	43.0 X 57.0mm			
Field of View	D	1/2" 51.8°~28.2°	1/3" 40.2°~2.14°		
	H	1/2" 42.7°~2.28°	1/3" 32.7°~1.72°		
	V	1/2" 32.7°~1.72°	1/3" 24.7°~1.30°		
Control		Iris	Focus		Zoom
Driving Coil/Supply Volt.		DC 8.5−16V	DC 6−12V		DC 6−12V
Damping Coil/Current		60mA or less	60mA or less		60mA or less
Response Time		about 3 sec.	9 − 18 sec.		6.5 − 13 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℃~+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 (10KΩ ±15%)
Blue	Focus		
Purple	Focus	(−)	
Gray	Zoom	(+)	Wide to Tele (10KΩ ±15%)
White	Zoom		
Black	Zoom	(−)	