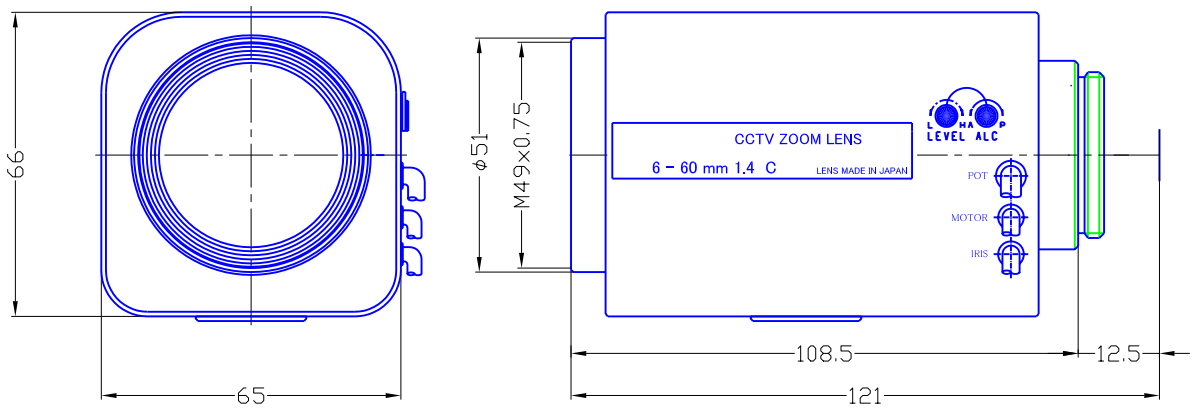
TZ10X0614VP

Type		AI ZOOM	Mount		CS
Focal Length		6~60mm	Back Focus		12.98mm
Fno.		F1.4	Mechanical Bf		12.5mm
Designed Image Format		1/3"(3.6x4.8mm)	Exit Pupil		30.35mm
Operation Range	Iris	F1.4−F360	Filter Size		M49x0.75mm
	Focus	1m ~ ∞	Aperture	Front	ø40.0mm
	Zoom	6~60mm		Rear	ø12.6mm
Control	Iris	DC Galvanometer			
	Focus	DC Motor	Dimention		68x65x108.5mm
	Zoom	DC Motor	Weight		505g
Object Size at MOD	Wide	610 x 829mm			
	Tele	59x 77mm			
Field of View	D	1/3" 54.4°~5.4°	1/4" 41.1°~4.35°		
	H	43.4°~4.6°	33.0°~3.51°		
	V	33.0°~3.5°	24.8°~2.56°		
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℃			

1/3" CS CSVP

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