

OPTICAL & MECHANICAL SPECIFICATIONS

1.Application	For 1/3' Format Color Camera			
2.Focal Length	3 mm - 8 mm			
3.Maximum Relative Aperture	1 : 1.4			
4.Iris Range	F1.4 - T360 (Equivalent to F360)			
5.Image Size	ø6 mm (4.8 mm X 3.6 mm)			
6.Back Focal Length	8.1mm(W) - 14.9mm(T) (in air)			
7.Flange Focal Length	12.5 mm (in air)			
8.Focus Range	∞ - 0.3 m (from Front of Lens)			
9.Field Angle				
	a) Horizontal	Wide 94°56'	Tele 34°34'	
	b) Vertical	Wide 69°32'	Tele 25°55'	
	c) Diagonal	Wide 122°11'	Tele 43°13'	
10.Field of View at M.O.D				
	a) Horizontal	Wide 676 mm	Tele 193 mm	
	b) Vertical	Wide 430 mm	Tele 142 mm	
11.Clear Aperture				
	a) Front	ø17.4 mm		
	b) Rear	ø6.5 mm		
12.Exit Pupil Position	-97mm(W) -28mm(T) (from Image Plane)			
13.Control				
	a) Iris	See Electrical Spec.		
	b) Zoom (*1)	Manual (Op. Angle 60.3°)		
	c) Focus	Manual (Op. Angle 83.6°)		
14.Mount	CS-Mount			
15.Filter Screw Size	—			
16.Mass	Approx. 50 g			

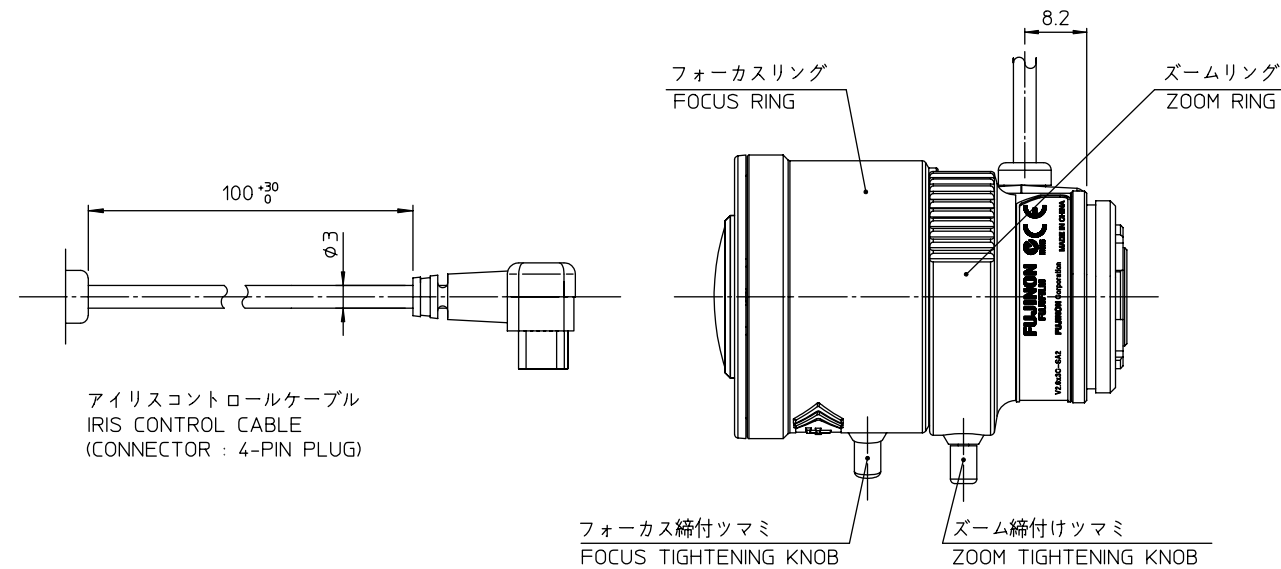
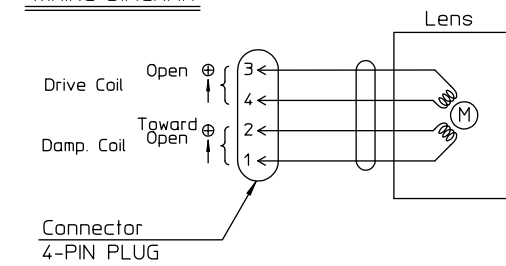
(*1) Out of Focus occurs during Zoom operation
due to the specification, Vari-focal length lens.

ELECTRICAL SPECIFICATIONS

Iris Characteristics		
a) Control	Auto (Not Incorporating Amplifier)	
b) Coil Resistance	Drive Coil	190 Ω $\pm$ 10%
	Damping Coil	500 Ω $\pm$ 10%
c) Operating Current	23 mA (Max.)	at 4V DC

* When power is turned off, iris will automatically be closed.

WIRING DIAGRAM



ENVIRONMENTAL CONDITIONS

1.Temperature	
a) Operating	-10°C to +50°C
b) Storage	-20°C to +60°C
2.Relative Humidity	35% to 90%

