

OPTICAL & MECHANICAL SPECIFICATIONS

1.Application	For 1/2.7" Format Color Camera	
2.Focal Length	15 mm - 50 mm	
3.Maximum Relative Aperture	1 : 1.5	
4.Iris Range	F1.5 - T360 (Equivalent to F360)	
5.Image Size	φ6.6 mm (5.3 mm X 4.0 mm)	
6.Back Focal Length	7.68 mm(W) - 7.89 mm(T) (in air)	
7.Flange Focal Length	12.5 mm (in air)	
8.Focus Range	∞ - 1.0 m (from Front of Lens)	
9.Field Angle		
	a) Horizontal	Wide 20° 1' Tele 6° 9'
	b) Vertical	Wide 15° 5' Tele 4° 39'
	c) Diagonal	Wide 24° 47' Tele 7° 38'
10.Field of View at M.O.D		
	a) Horizontal	Wide 372 mm Tele 114 mm
	b) Vertical	Wide 279 mm Tele 86 mm
11.Clear Aperture		
	a) Front	φ30.5 mm
	b) Rear	φ8.2 mm
12.Exit Pupil Position	-38mm(W) -37mm(T) (from Image Plane)	
13.Control		
	a) Iris	See Electrical Spec.
	b) Zoom (*1)	Manual (Op. Angle 58.4°)
	c) Focus	Manual (Op. Angle 43.7°)
14.Mount	CS-Mount	
15.Filter Screw Size		
16.Mass	Approx. 80 g	

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

ENVIRONMENTAL CONDITIONS

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

ELECTRICAL SPECIFICATIONS

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

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

WIRING DIAGRAM

