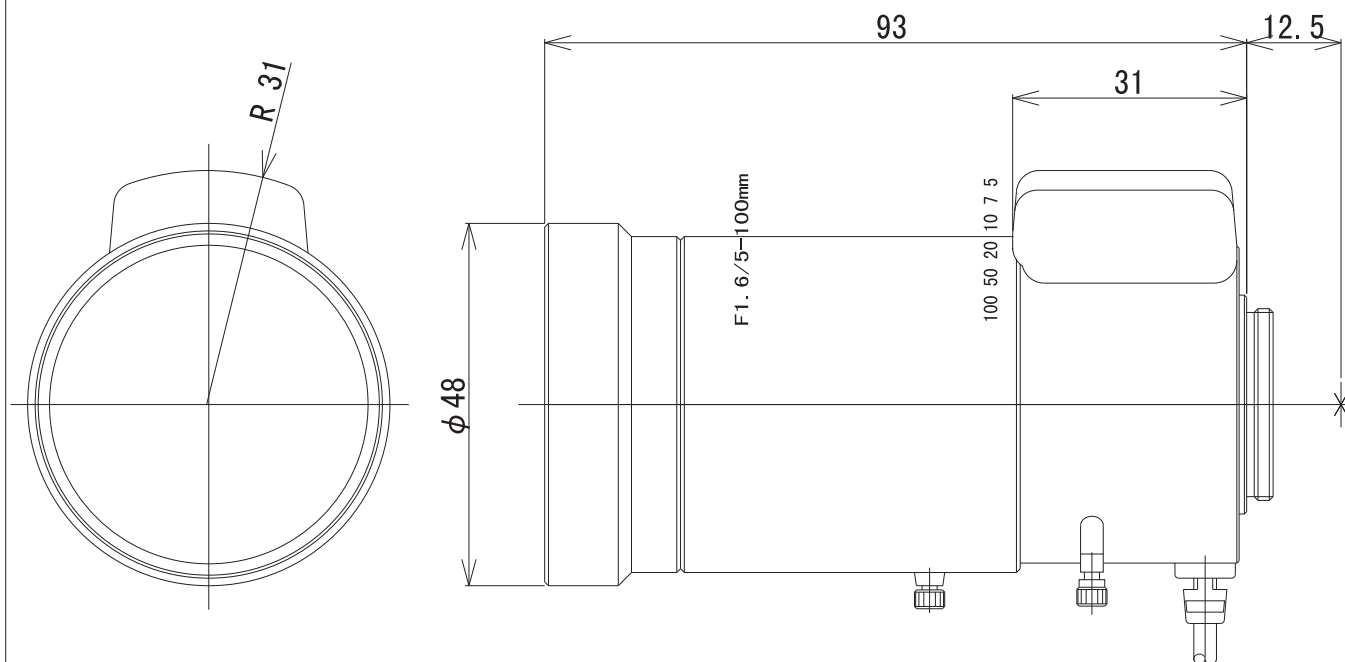




SPECIFICATION

1. USE	FOR 1/3" B/W, COLOR CAMERA
2. FOCAL LENGTH	5~100mm
3. ZOOM RATIO	20x
4. MAX. DIA. RATIO	F1.6
5. IRIS RANGE	F1.6-F360
6. IMAGE SIZE	$\phi 6$ 3.6x4.8mm
7. BACK FOCAL LENGTH	W 11.3 T 10.65 in air
8. FLANGE FOCAL LENGTH	12.5 mm in air
9. FOCUS RANGE	W 0.3m T 1.0 m
10. FIELD ANGLE	DIA. W 64.6° T 3.5°
	HOR. 52.7° 2.8°
	VER. 40.0° 2.1°
11. FIELD OF VIEW	DIA. W 412 mm T 84 mm
AT M. O. D.	HOR. 322 mm 67 mm
	VER. 236 mm 50 mm
12. LENS CONSTRUCTION	10GROUPS 12ELEMENTS
13. CLEAR APERTURE	FRONT $\phi 42.0$
	REAR $\phi 9.6$
14. EXIT PUPIL POSITION	W -84 mm T -92 mm
15. MOUNT	CS-MOUNT
16. FILTER SCREW SIZE	M46x0.75
17. DISTORTION	W -2.3% T 0.3%
18. WEIGHT	190 g

DC (DIRECT CONTROL)

DRIVE COIL	RESISTOR	190 Ω (20° C)
	COLOR	RED (+) BLACK
BRAKE COIL	RESISTOR	1150 Ω (20° C)
	COLOR	YELLOW (+) GREEN
DRIVE VOLT.	OPEN	LESS THAN +4V
	CLOSE	OVER THAN 0V
		W/CLOSING SPRING

LMVZ510A

1/3" 1.6/5~100mm