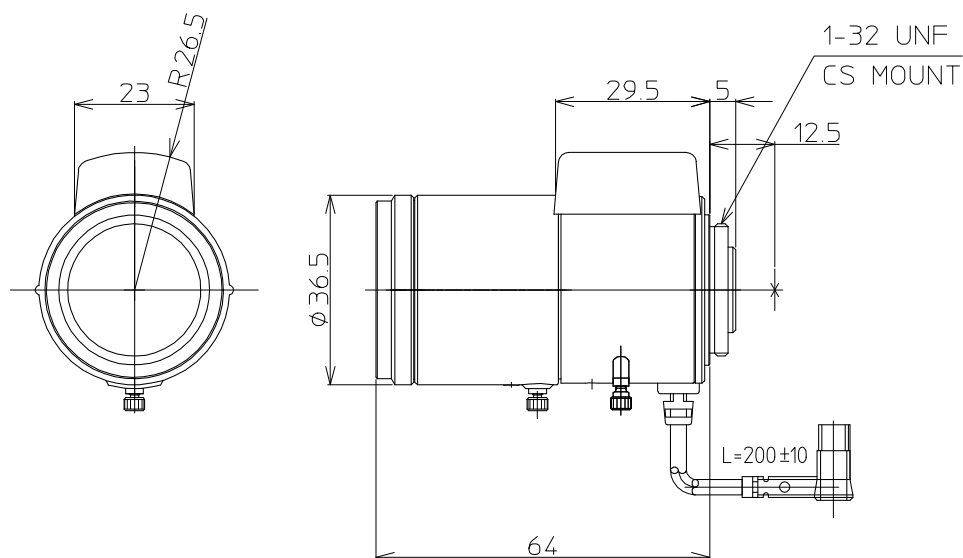




[LMVZ9020A-IR SPECIFICATION]

1. USE		FOR 1/2” COLOR DAY&NIGHT CAMERA	
2. FOCAL LENGTH		9-20mm	
3. ZOOM RATIO		2.2x	
4. MAX. DIA. RATIO		F1.6	
5. IRIS RANGE		F1.6 – F360-close	
6. IMAGE SIZE		φ 8	
7. BACK FOCAL LENGTH		W 8.4mm T 14.8mm -	
8. FLANGE FOCAL LENGTH		12.5mm	
9. FOCUS RANGE		0.5m	
10. FIELD ANGLE	DIA.	W 55.0°	T 23.4°
	HOR.	42.3°	18.7°
	VER.	30.9°	13.9°
11. FIELD OF VIEW AT M.O.D.		W 554mm	T 220mm
	HOR.	411mm	175mm
	VER.	293mm	130mm
12. LENS CONSTRUCTION		8 GROUPS 9 ELEMENTS	
13. CLEAR APERTURE	FRONT	φ 19.2	
	REAR	φ 8.4	
14. EXIT PUPIL POSITION		W -173.5mm T -48.2mm	
15. MOUNT		CS – MOUNT	
16. DISTORTION (TV)		W -5.2% T -0.8%	
17. WEIGHT		100g	

DC (DIRECT CONTROL)

DRIVE COIL	RESISTOR	190Ω (20℃)
	COLOR	RED (+) BLACK
BRAKE COIL	RESISTOR	465Ω (20℃)
	COLOR	YELLOW(+) GREEN
DRIVE VOLT.	OPEN	LESS THAN +4V
	CLOSE	OVER THAN 0V
		W/CLOSING SPRING