



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