



SPECIFICATION

1. USE	FOR 1/2" B/W,COLOR CAMERA		
2. FOCAL LENGTH	9~90mm		
3. ZOOM RATIO	10x		
4. MAX. DIA. RATIO	F1.8		
5. IRIS RANGE	F1.8-F360		
6. IMAGE SIZE	φ8 4.8x6.4mm		
7. BACK FOCAL LENGTH	W 15.37	T 11.71	in air
8. FLANGE FOCAL LENGTH	17.526mm in air		
9. FOCUS RANGE	W 0.3 m	T 1.0 m	
10.FIELD ANGLE	DIA.	W 30.3°	T 3.1°
	HOR.	41.1°	4.2°
	VER.	52.6°	5.2°
11.FIELD OF VIEW AT M.O.D.	DIA.	W 183 mm	T 71 mm
	HOR.	253 mm	94 mm
	VER.	334 mm	118 mm
12.LENS CONSTRUCTION	11GROUPS 12ELEMENTS		
13.CLEAR APERTURE	FRONT	φ 38.6	
	REAR	φ 11.8	
14.EXIT PUPIL POSITION	W -108mm	T -218 mm	
15.MOUNT	C-MOUNT		
16.FILTER SCREW SIZE	M46x0.75		
17.DISTORTION	W -4.3%	T 0.3%	
18.WEIGHT	g		

DC (DIRECT CONTROL)

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

LMVZ990A-IR		
1/2" 1.8/9~90mm		