



SPECIFICATION

1. USE	FOR 1/2" CAMERAS		
2. FOCAL LENGTH	9~90mm		
3. ZOOM RATIO	10x		
4. MAX. DIA. RATIO	F1.8		
5. IRIS RANGE	F1.8-F360		
6. IMAGE SIZE	ø8 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 0.3m	T 1.0m	
10. ANGLE OF VIEW	VER.	W 30.3°	T 3.1°
	HOR.	41.1°	4.2°
	DIA.	52.6°	5.2°
11. FIELD OF VIEW AT M.O.D.	VER.	W 183 mm	T 71 mm
	HOR.	253 mm	94 mm
	DIA.	334 mm	118 mm
12. LENS CONSTRUCTION	11 GROUPS 12 ELEMENTS		
13. CLEAR APERTURE	FRONT	ø 38.6	
	REAR	ø 11.8	
14. EXIT PUPIL POSITION	W -108 mm	T -218 mm	
15. MOUNT	C-MOUNT		
16. FILTER SCREW SIZE	M43x0.75		
17. DISTORTION	W -4.3%	T 0.3%	1/3' W -2.1% T 0.3%
18. WEIGHT	188 g		

DC (DIRECT CONTROL)

DRIVE COIL	RESISTOR	200Ω (20° C)	
	COLOR	RED(+)	BLACK
BRAKE COIL	RESISTOR	700Ω (20° C)	
	COLOR	YELLOW(+)	GREEN
DRIVE VOLT.	OPEN	LESS THAN +4V	
	CLOSE	OVER 0V	
		W/CLOSING SPRING	

LMVZ990A-IR		
DC AUTO-IRIS		
1/2" F1.8/9~90mm		

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