



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	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 1.0 m		
10.FIELD ANGLE	DIA.	W 30.3°	T 3.1°	1/3" W 38.4° T 3.9°
	HOR.	41.1°	4.2°	1/3" 30.3° 3.1°
	VER.	52.6°	5.2°	1/3" 22.6° 2.4°
11.FIELD OF VIEW AT M.O.D.	DIA.	W 183 mm	T 71 mm	1/3" W 233 T 88
	HOR.	253 mm	94 mm	1/3" 183 61
	VER.	334 mm	118 mm	1/3" 134 53
12.LENS CONSTRUCTION	11GROUPS 12ELEMENTS			
13.CLEAR APERTURE	FRONT	ø 38.6		
	REAR	ø 11.8		
14.EXIT PUPIL POSITION	W -108 mm	T -218mm		
15.MOUNT	C-MOUNT			
16.FILTER SCREW SIZE	M46x0.75			
17.DISTORTION	W	-4.3%	T 0.3%	1/3" W -2.1% T 0.3%
18.WEIGHT	194 g			

尺 度	1/1	承 認	製 図
機 種 名	LMVZ990-IR IR 10x VARI		
機 種 番	1/2" 1.8/9~90mm		