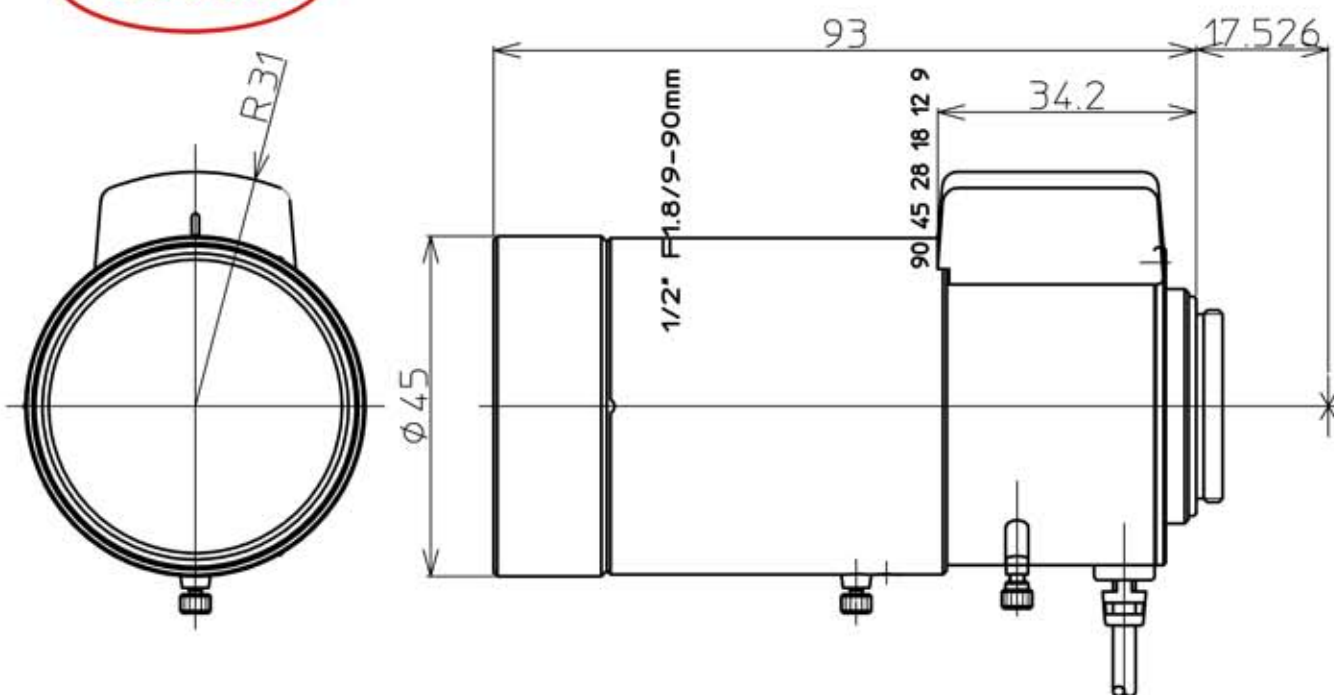




SPECIFICATION

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 1.0 m		
10. ANGLE OF VIEW	VER.	W 30.3°	T 3.1°	1/3'	W 22.6° T 2.4°
	HOR.	41.1°	4.2°	1/3'	30.3° 3.1°
	DIA.	52.6°	5.2°	1/3'	38.4° 3.9°
11. FIELD OF VIEW AT M.O.D.	VER.	W 183 mm	T 71 mm	1/3'	W 134 T 53
	HOR.	253 mm	94 mm	1/3'	183 61
	DIA.	334 mm	118 mm	1/3'	233 88
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		