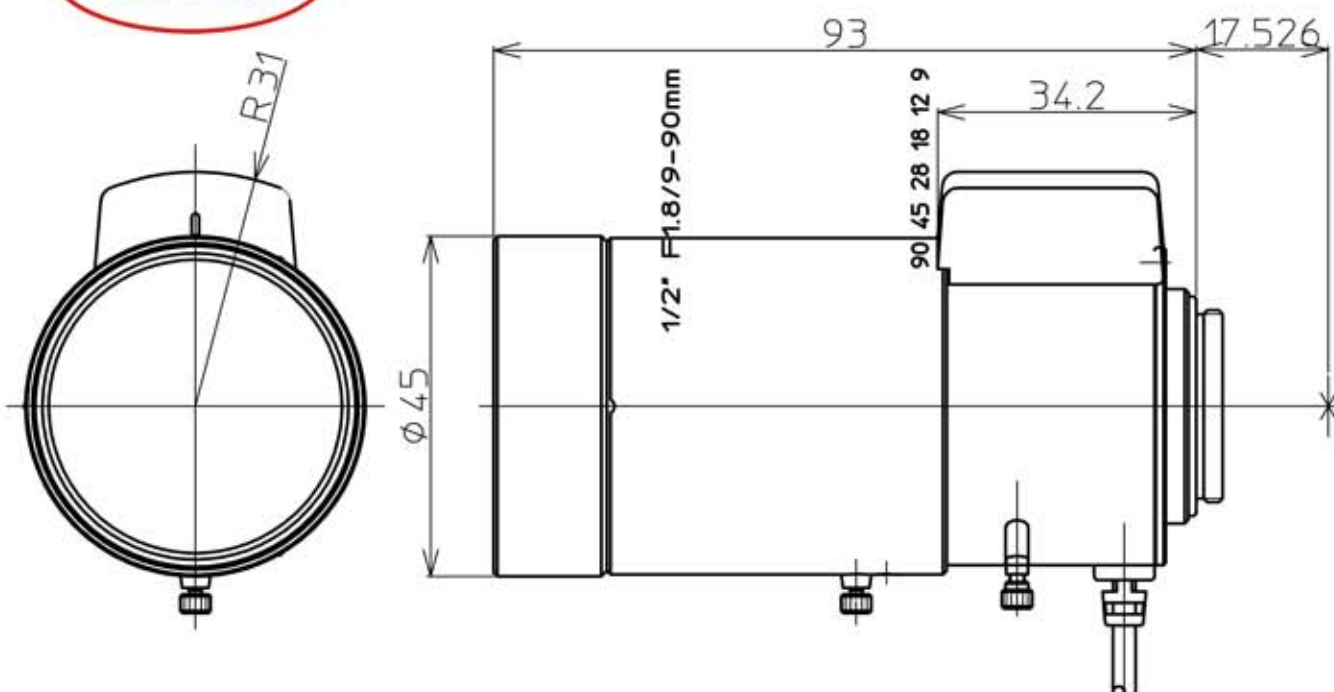




SPECIFICATION

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	$\phi 8$ 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	$\phi 38.6$			
	REAR	$\phi 11.8$			
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	200 Ω	(20° C)
	COLOR	RED(+)	BLACK
BRAKE COIL	RESISTOR	700 Ω	(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		