



Manual Iris Lenses



The comprehensive line of American Dynamics manual iris lenses provides price competitive solutions to applications where scene and lighting requirements are relatively stable.

Manual iris lenses can also provide price competitive solutions when used with cameras equipped with electronic shutters.

Modern CCD imagers place new demands on lens performance in terms of resolution, contrast and geometric distortion. All American Dynamics lenses provide high contrast, fast signal response and high quality color corrected optics.

FEATURES

- 1/3-inch format
- 1/2-inch format
- CS mounts
- Color corrected optics
- High quality, compact design
- Fixed and variable focal lengths
- Slip clutch on lens mount for easy positioning

AMERICAN DYNAMICS MANUAL IRIS LENSES

SPECIFICATIONS

1/3 Inch Chart

Model Number	Focal Length	Aperture (f-stop)	Lens Format	Mount	View Angle		Minimum Object Distance	Filter Screw Size	Weight	Size (Diameter x Length 1 x Length 2)
					Horizontal	Vertical				
Fixed Focal Length – Fixed Iris										
L0812NI	8.0 mm	f1.2	1/3-inch	CS	35.6°	25.2°	0.30 m (1.00 ft)	27.0 x 0.50 mm	33 g (1.15 oz)	30.0 x 21.0 mm (1.18 x 0.83 in)
Fixed Focal Length – Manual Iris										
L2616CS	2.6 mm	f1.6 - 11C	1/3-inch	CS	98.7°	74.9°	0.10 m (0.32 ft)	NA	45 g (1.59 oz)	34.5 x 34.7 mm (1.36 x 1.37 in)
L0412CS	4.0 mm	f1.2 - 16C	1/3-inch	CS	63.9°	49.1°	0.20 m (0.65 ft)	30.5 x 0.50 mm	36 g (1.27 oz)	34.5 x 33.0 mm (1.36 x 1.30 in)
L0812CS	8.0 mm	f1.2 - 16C	1/3-inch	CS	34.7°	25.9°	0.20 m (0.65 ft)	30.5 x 0.50 mm	37 g (1.30 oz)	34.5 x 33.0 mm (1.36 x 1.30 in)
Variable Focal Length – Manual Iris										
L35814CS	3.5 to 8.0 mm	f1.4 - C	1/3-inch	CS	77.6° to 35.4°	57.6° to 26.6°	0.40 m (1.31 ft)	NA	38 g (1.34 oz)	34.0 x 43.5 mm (1.34 x 1.71 in)
ADCLVF3212MI	2.8 to 12 mm	f1.3 - C	1/3-inch	CS	9.28° to 23.8°	73.6° to 17.8°	0.30 m (1.00 ft)	NA	64 g (2.25 oz)	40.7 x 56.0 mm
L55013CS	5.0 to 50 mm	f1.3 - C	1/3-inch	CS	51.5° to 5.60°	39.2° to 4.3°	0.80 m (2.62 ft)	37.5 x 0.50 mm	150 g (5.30 oz)	47.0 x 57.7 mm (1.85 x 2.27 in)

1/2 Inch Chart

Model Number	Focal Length	Aperture (f-stop)	Lens Format	Mount	View Angle		Minimum Object Distance	Filter Screw Size	Weight	Size (Diameter x Length 1 x Length 2)
					Horizontal	Vertical				
Fixed Focal Length – Manual Iris										
L1214CS	12.0 mm	f1.4 - 16C	1/2-inch	CS	30.4°	22.7°	0.30 m (1.00 ft)	30.5 x 0.50 mm	33 g (1.16 oz)	34.5 x 33.0 mm (1.36 x 1.30 in)
Variable Focal Length – Manual Iris										
L41016CS	4.5 to 10 mm	f1.6 - C	1/2-inch	CS	81.3° to 38.2°	60.4° to 28.7°	0.30 m (0.98 ft)	43.0 x 0.75 mm	40 g (1.41 oz)	45.0 x 54.6 mm (1.77 x 2.15 in)