



Auto Iris Lenses

American Dynamics auto iris lenses are used to produce consistent video signals from cameras that view scenes with varying light levels. The use of auto iris lenses enables reliable monitoring in areas which would otherwise be compromised.

The “LD” DC iris series relies upon the circuitry contained within suitably equipped cameras that produce a DC output. This circuitry will, in turn, adjust the lens iris accordingly. The use of “LD” lenses with American Dynamics cameras offers a value driven alternative to traditional auto iris lenses.

All American Dynamics auto iris lenses offer high contrast, fast signal response, color corrected optics and low geometric distortion.



FEATURES

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

AMERICAN DYNAMICS AUTO 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 – DC Iris										
LD2616CS	2.6 mm	f1.6 - 360	1/3-inch	CS	98.7°	74.9°	0.10 m (0.32 ft)	NA	47.0 g (164 oz)	32.0 x 34.7 mm (1.26 x 1.37 in)
LD0412CS	4.0 mm	f1.2 - 360	1/3-inch	CS	63.9°	49.1°	0.20 m (0.65 ft)	30.5 x 0.50 mm	38.0 g (133 oz)	32.0 x 33.0 mm (1.26 x 1.30 in)
LD0812CS	8.0 mm	f1.2 - 360	1/3-inch	CS	34.7°	25.9°	0.20 m (0.65 ft)	30.5 x 0.50 mm	39.0 g (104 oz)	32.0 x 33.0 mm (1.26 x 1.30 in)
Variable Focal Length – DC Iris										
LD35814CS	3.5 to 8.0 mm	f1.4 - 360	1/3-inch	CS	77.5° to 35.4°	57.6° to 26.6°	0.40 m (1.31 ft)	NA	48.0 g (1.71 oz)	42.6 x 43.5 mm (1.67 x 1.71 in)
ADCLVF3212DC	2.8 to 12 mm	f1.3 - 360	1/3-inch	CS	98.2° to 23.8°	73.62° to 17.8°	0.30 m (1.00 ft)	NA	69.0 g (2.40 oz)	37.5 x 56.0 mm (1.48 x 2.20 in)
LD55013CS	5.0 to 50.0 mm	f1.3 - 360	1/3-inch	CS	51.8° to 5.60°	39.2° to 4.30°	0.80 m (2.62 ft)	37.5 x 0.50 mm	140 g (4.94 oz)	57.5 x 57.7 mm (2.26 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 – DC Iris										
LD3616CS	3.6 mm	f1.6 - 360	1/2-inch	CS	99.2°	74.1°	0.20 m (0.65 ft)	30.5 x 0.50 mm	40.0 g (1.40 oz)	32.0 x 33.0 mm (1.26 x 1.30 in)
LD0614CS	6.0 mm	f1.4 - 360	1/2-inch	CS	58.3°	44.3°	0.20 m (0.65 ft)	30.5 x 0.50 mm	37.0 g (1.30 oz)	32.0 x 33.0 mm (1.26 x 1.30 in)
LD1214CS	12.0 mm	f1.4 - 360	1/2-inch	CS	30.4°	22.7°	0.30 m (1.00 ft)	30.5 x 0.50 mm	35.0 g (1.23 oz)	32.0 x 33.0 mm (1.26 x 1.30 in)
Variable Focal Length – DC Iris										
LD41016CS	4.5 to 10.0 mm	f1.6 - 360	1/2-inch	CS	81.3° to 36.2°	60.4° to 28.7°	0.30 m (1.00 ft)	NA	50.0 g (1.75 oz)	42.6 x 43.5 mm (1.67 x 1.71 in)

Accessories

RVCADAPC/CS adapter ring

Ordering Note

All DC lenses are terminated with a standard 4-pin DC iris connector for direct connection to all American Dynamics cameras.

