

Fixed Focal Lenses

ernitec

Manual Iris and Direct Drive (DC) Auto Iris

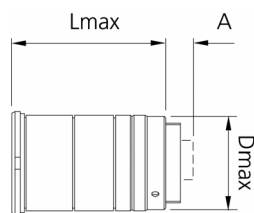
A wide range of fixed focal length C or CS-mount lenses, for 1/3" (CS-mount only), 1/2", 2/3" and 1" colour or b/w cameras are available from Ernitec.

The Series GA is based on a galvanometric iris type for high reliability combined with low cost. These lenses will suit all normal security and industrial applications.

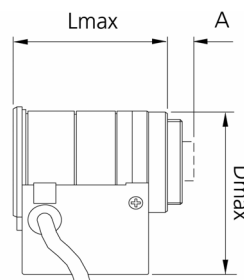
The 1/3" types are IR-corrected and therefore also suited for use with day/night cameras.

Key features of the Ernitec Fixed Focal Lenses:

- High resolution glass optics
- Adjustable Focus
- All Direct Drive lenses are equipped with a F360 Neutral Density filter for indoor and outdoor use
- All 1/3" are IR-corrected.
- All 1/3" types are fitted with lock-screws on the focus and manual iris.



Manual Iris



Direct Drive Iris

Specifications

Lens Type	Focal Length (mm)	Mount Format	Max. Apt.	Filter Thread	Horizontal Angle of View				Min. Obj. Dist. (m)	Dimensions (mm)		
					1/3"	1/2"	2/3"	1"		A	Dmax	Lmax
Manual iris:												
0212-IR-1/3	2.8	CS-1/3"	1.2	-	93.2°	-	-	-	0.2	4.0	37.0	34.7
0412-IR-1/3	4.0	CS-1/3"	1.2	-	65.6°	-	-	-	0.2	4.0	37.0	34.7
0612-IR-1/3	6.0	CS-1/3"	1.2	-	46.5°	-	-	-	0.2	4.0	37.0	34.7
0812-IR-1/3	8.0	CS-1/3"	1.2	-	34.5°	-	-	-	0.2	4.0	37.0	34.7
0314-1/2	3.5	C-1/2"	1.4	M30.5 x 0.5	77.0°	103.6°	-	-	0.2	8.6	35.0	31.0
0414-1/2	4.5	C-1/2"	1.4	M30.5 x 0.5	59.7°	79.0°	-	-	0.2	8.0	35.0	32.0
0614-1/2	6.0	C-1/2"	1.4	M30.5 x 0.5	44.2°	57.3°	-	-	0.2	8.5	35.0	34.5
1214-1/2	12.0	C-1/2"	1.4	M30.5 x 0.5	23.0°	30.7°	-	-	0.3	6.7	35.0	30.0
0814-2/3	8.0	C-2/3"	1.4	M30.5 x 0.5	34.5°	46.2°	64.2°	-	0.2	7.0	35.0	30.0
1214-2/3	12.0	C-2/3"	1.4	M30.5 x 0.5	23.0°	30.7°	42.5°	-	0.3	6.7	35.0	30.0
1614-2/3	16.0	C-2/3"	1.4	M30.5 x 0.5	16.7°	22.3°	31.1°	-	0.5	8.8	35.0	26.0
2516-2/3	25.0	C-2/3"	1.6	M30.5 x 0.5	11.5°	15.3°	21.0°	-	1.0	8.0	35.0	26.0
5013-1	50.0	C-1"	1.3	M49.0 x 0.75	4.9°	7.4°	10.3°	14.3°	1.0	4.0	63.0	52.0

Auto Iris:

All Ernitec direct drive lenses (DC autoiris) can be converted into video driven auto-iris lenses by using the Ernitec E-Con converter.

Direct drive:

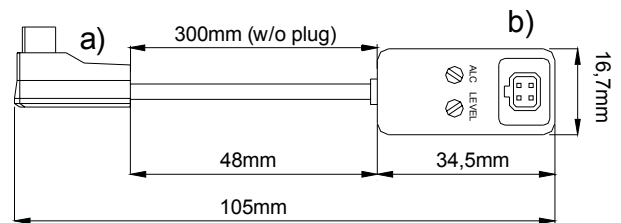
GA0212NA-IR-1/3	2.8	CS-1/3"	1.2-360	-	93.2°	-	-	-	0.2	4.0	41.5	34.7
GA0412NA-IR-1/3	4.0	CS-1/3"	1.2-360	-	65.6°	-	-	-	0.2	4.0	41.5	34.7
GA0612NA-IR-1/3	6.0	CS-1/3"	1.2-360	-	46.5°	-	-	-	0.2	4.0	41.5	34.7
GA0812NA-IR-1/3	8.0	CS-1/3"	1.2-360	-	34.5°	-	-	-	0.2	4.0	41.5	34.7
GA0314NA-1/2	3.5	CS-1/2"	1.4-360	-	77.0°	103.6°	-	-	0.2	4.0	50.8	36.0
GA0414NA-1/2	4.5	CS-1/2"	1.4-360	M35.5 x 0.5	59.7°	79.0°	-	-	0.2	3.5	50.0	39.0
GA0614NA-1/2	6.0	CS-1/2"	1.4-360	M35.5 x 0.5	44.2°	57.3°	-	-	0.2	3.5	50.0	39.0
GA1214NA-1/2	12.0	CS-1/2"	1.4-360	M35.5 x 0.5	23.0°	30.7°	-	-	0.3	3.5	50.0	39.0
GA0814NA-2/3	8.0	C-2/3"	1.4-360	M37.5 x 0.5	34.5°	46.2°	64.2°	-	0.2	7.0	50.8	35.5
GA1214NA-2/3	12.0	C-2/3"	1.4-360	M37.5 x 0.5	23.0°	30.7°	42.5°	-	0.3	6.5	50.8	35.5
GA1614NA-2/3	16.0	C-2/3"	1.4-360	M37.5 x 0.5	16.7°	22.3°	31.1°	-	0.5	8.5	50.8	35.5
GA2516NA-2/3	25.0	C-2/3"	1.6-360	M37.5 x 0.5	11.5°	15.3°	21.0°	-	1.0	8.5	50.8	35.5

Please note:

All 1/3" lenses are only for use with CS-mount cameras. All Ernitec direct drive fixed focal lenses (DC autoiris) can be converted into video driven auto-iris lenses by using the Ernitec E-Con converter.

Easy-Click-on Auto Iris Circuit (E-Con)

The easy-click-on auto iris circuit (E-Con), shown to the right, makes a direct drive lens into an auto iris (video driven) lens in a second. Please order the E-Con separately.



a) Plug side (to CCD Camera), b) Receptacle side (from lens)

The easy-click-on E-Con



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