

## Varifocal Lenses



Ernitec have been supplying lenses for over 40 years and our varifocal range has never been so diverse. We have a wide range of manually adjustable focal length lenses, for 1/3" and 1/2" cameras including megapixel and IR corrected versions.

By using variable focal length lenses stock levels can be reduced and the installation is simplified.

This range includes manual iris and direct drive iris lenses. The direct drive lenses are based on a galvanometric iris. Manual varifocals are also available.

### Key features of the Ernitec Varifocal Lenses

- High resolution glass optics.
- Direct Drive iris lenses supplied with Panasonic plug pre-fitted.
- DD lenses are fitted with a Neutral Density spot filters.
- Adjustable Focus on all lenses.
- IR Corrected models (see table).
- Megapixel versions (see table).

Glass  
Optics

Hi Res

IR  
Corrected

Megapixel

ND Filter

5 year  
warranty

# Specification

Lens Type	Focal Length (mm)	Mount	Max. Apt.	IR Corr.	Mega-pixel	Horizontal Angle of View (deg.)		Min. Obj. Dist. (m)	Dimensions (mm)		
						1/3"	1/2"		A	Dmax*	Lmax
<b>Manual iris 1/3":</b>											
2V6-1/3-MP	2.4-6	CS	1.2		X	47.1-111.3	-	0.3	4.0	43.2	57.6
2V12-1/3-HR*	2.8-12	CS	1.4			24.1-97.4	-	0.3	4.2	44.0	59.3
3V8-1/3-3*	3-8	CS	1.0			36-91	-	0.2	5.0	33.0	40.2
3V8-1/3-MP	3-8	CS	1.0		X	35.9-91	-	0.3	4.0	43.2	54.4
3V8-IR-1/3-3*	3-8	CS	1.0	X		35.9-91	-	0.2	5.0	33.0	40.2
5V50-1/3-HR*	5-50	CS	1.4			5.3-53.4	-	1.0	4.0	41.0	59.2
5V50-1/3-MP	5-50	CS	1.4		X	5.5-53.8		1.0	4.0	46.0 36.5	60.2 58.2
<b>Manual iris 1/2":</b>											
3V10-1/2-IR-MP*	3.5-10	CS	1.6	X	X	25.2-81.7	37.2-108.3	0.2	5.0	36.5	58.2
4V10-1/2	4-10	CS	1.8			25.4-71.9	37.3-94.8	0.3	5.0	36.5	48.5
4V12-1/2-MP	4-12	C	1.2		X	21.1-70.7	31.2-93.6	0.3	8.7	51.0	54.0
<b>DC Auto Iris 1/3":</b>											
GA1V3NA-1/3	1.6-3.4	CS	1.4-360			84.3-180	-	0.2	5.8	52.0	52.1
GA2V6NA-1/3-MP	2.8-6	CS	1.2-360		X	44.2-88.7	-	0.3	4.0	53.6	56.6
GA2V11NA-IR-1/3*	2.8-11	CS	1.4-360	X		26.2-97.4	-	0.3	3.5	46.2	58.6
GA2V12NA-1/3-HR*	2.8-12	CS	1.4-360			24.1-97.4	-	0.3	4.2	46.2	59.3
GA3V8NA-1/3-MP	3-8	CS	1.0-360		X	35.4-92.5	-	0.3	4.0	53.5	54.4
GA3V8NA-IR-1/3-3*	3-8	CS	1.0-360	X		36-91	-	0.2	5.0	42.0	40.2
GA5V50NA-1/3-HR*	5-50	CS	1.4-360			5.3-53.4	-	1.0	4.0	53.7	59.2
GA5V50NA-1/3-MP	5-50	CS	1.4-360		X	5.5-53.8	-	1.0	4.0	56.7	60.2
GA5V100NA-1/3	5-100	CS	1.6-360			2.8-52.7	-	0.3-1.0*	3.5	52.0	93.0
GA10V40NA-IR-1/3	10-40	CS	1.4-360	X		7.0-27.5	-	0.5	4.0	50.5	67.1
GA20V100NA-1/3	20-100	CS	1.6-360	X	X	2.8-13.6	-	1.0	4.6	43.0	118
<b>DC Auto Iris 1/2":</b>											
GA4V12NA-1/2-MP	4-12	C	1.4-360		X	31.4-93.9	33.4-100.5	0.3	4.0	58.1	40.0
GA4V12NA-IR-1/2	4-12	CS	1.2-360	X		21.1-70.7	31.2-93.6	0.3	8.7	51.0	54.0
GA6V12NA-1/2	6-12	C	1.4-64			23.1-44.4	29.5-56.1	0.3	7.3	56.6	54.5
GA6V52NA-1/2	6.5-52	C	1.8-360			4.8-38.3	7.2-55	0.2-1.0*	7.9	51.0	81.5
GA9V20NA-1/2-IR-MP*	9-20	CS	1.6-360	X	X	14.6-31.9	18.7-42.3	0.5	5.0	36.5	64.0
GA9V90NA-IR-1/2	9-90	C	1.8-360	X		3.1-30.8	4.2-44.1	0.3-1.0*	7.9	53.5	93.0
GA10V40NA-IR-1/2	10-40	C	1.4-360	X		7.0-27.5	9.2-37.5	0.5	4.0	51.1	62.0

\*) Aspherical

