

Megapixel Varifocal Lenses

ernitec

Ernitec's high quality lenses derive maximum performance from megapixel camera to provide the best solution for your megapixel camera application.

When using megapixel cameras it is important to use a lens with a very high optical resolution in order to exploit the full resolution of the megapixel camera.

The megapixel varifocal lenses from Ernitec are designed to be used with 1/3" megapixel cameras, including Ernitec megapixel cameras. The lenses also deliver high resolution and high contrast images from the center to the periphery.



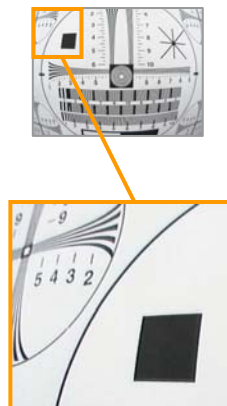
Manual Iris and Direct Drive

Three different focal ranges are available, covering 2.4 to 6 mm, 3 to 8 mm and 5 to 50 mm. All types are available in both manual iris and Direct Drive (DC) iris.

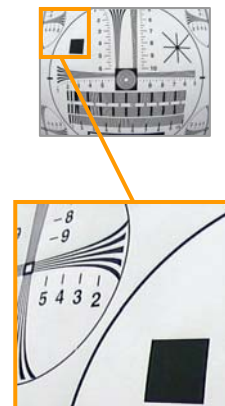
Main Features

- High resolution aspherical glass optics for 1/3" mega-pixel cameras
- 3 variants available, covering wide angle to narrow angle
- Direct Drive/DC autoiris lenses supplied with Panasonic plug pre-fitted
- Adjustable focus on all lenses

Ordinary varifocal lens



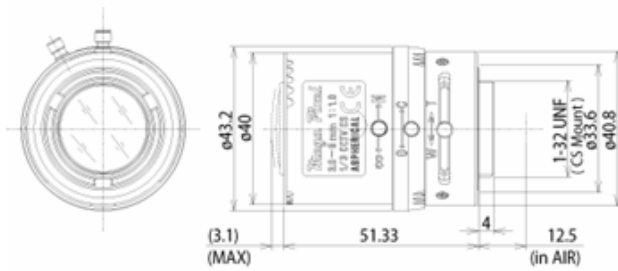
Megapixel varifocal lens



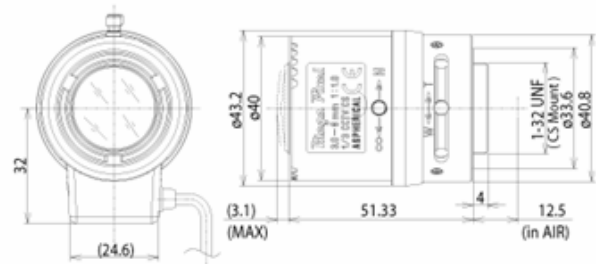
Specifications and ordering numbers

Lens Type	Ordering Number	Focal Length (mm)	Mount Format	Max. Apt.	Horizontal Angle of View	Vertical Angle of View	Min. Obj. Dist. (m)
Manual iris 1/3":							
2V6-1/3-MP*	0006-00351	2.4-6.0	CS-1/3"	F1.2-close	47.1°-111.3°	35.4°-83.5°	0.3
3V8-1/3-MP*	0006-00350	3.0-8.0	CS-1/3"	F1.0-close	35.4°-92.5°	26.5°-68.2°	0.3
5V50-1/3-MP*	0006-00352	5.0-50.0	CS-1/3"	F1.4-close	5.5°-53.8°	4.2°-40.3°	1.0
Direc Drive 1/3":							
GA2V6NA-1/3-MP*	0006-00251	2.4-6.0	CS-1/3"	F1.2-F360	47.1°-111.3°	35.4°-83.5°	0.3
GA3V8NA-1/3-MP*	0006-00250	3.0-8.0	CS-1/3"	F1.0-F360	35.4°-92.5°	26.5°-68.2°	0.3
GA5V50NA-1/3-MP*	0006-00252	5.0-50.0	CS-1/3"	F1.4-F360	5.5°-53.8°	4.2°-40.3°	1.0

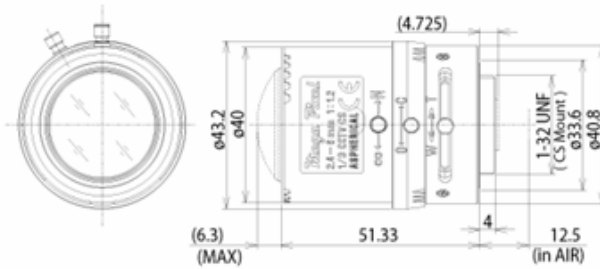
*) Aspherical



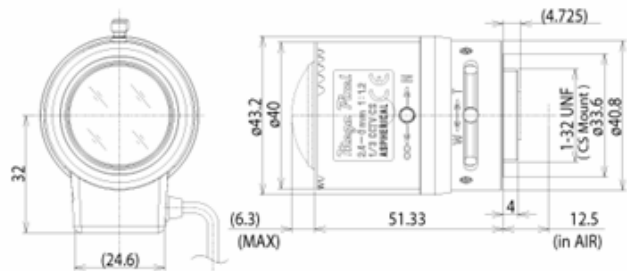
3V8-1/3-MP



GA3V8NA-1/3-MP



2V6-1/3-MP



GA2V6NA-1/3-MP



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