

NEW from VST



VS-085 Series, NEW VS-25085

The Fastest, Brightest “Fno 0.85” Machine Vision Lens with Floating System

- The brightest CCTV lens in the MV market
- Support up to 4/3” 8M cameras and M42 mount
- Floating system ensures high performance at any magnification
- Low Distortion & High Contrast
- Available in C mount (BTO)

	NEW VS-25085/M42	VS-50085-/M42
Focal Length	25mm	50mm
Maximum Aperture Ratio	1:085	1:085
Fno	Fno 0.85-F16	Fno 0.85-F16
MOD	170mm	240mm
Mount	M42 P=1.0	M42 P=1.0

※C mount's maximum aperture ratio is 1:090

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<http://www.vst.co.jp>

- The brightest CCTV lens in the MV market
- Floating system ensures high performance at any magnification
- Three times brighter than standard machine vision CCTV lens



What is F number?

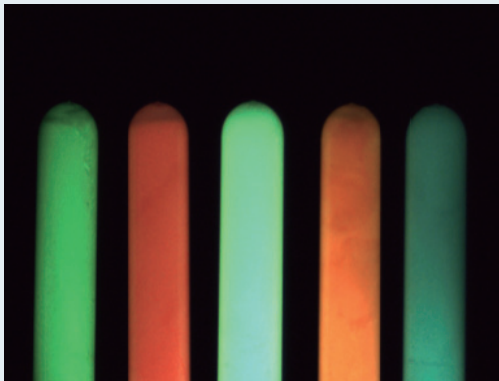
F number defines the brightness of lens at infinity imaging.

$Fno = \text{Focal Length} / \text{Diameter Entrance Pupil (Effective Aperture)}$

The maximum aperture indicates the brightness of the image that the lens creates on the image sensor: lenses with wider maximum apertures (lower minimum f-numbers) create a brighter image on the image sensor than lenses with small maximum apertures (higher minimum f-numbers). Lenses with wide maximum apertures are referred to as “fast” lenses because they create a brighter image on the image sensor, allowing faster shutter speeds.

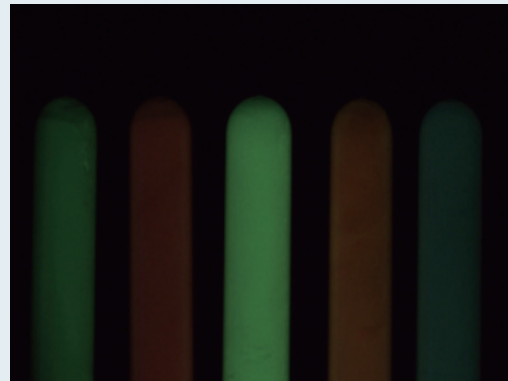
VS-085 series allows faster shutter speeds and is capable for various applications which require brighter images. Including medical, bio and high speed motion analysis applications.

VS-25085: Aperture Opens



VS Technology

Standard CCTV lens : Aperture Opens



VS Technology

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