

## 12MP, 2/3" ~ 1" LENSES

HF818-12M

Lens 8mm F1.8 2/3" Fujinon

- Sensor size up to 1"
- Resolution 12MP
- C-mount



### PRODUCT DESCRIPTION

The Fujinon HF-12M lenses can resolve the high resolution of up to 12 megapixels with a pixel pitch of 2.1µm. All models of the new series maintain the high level of even sharpness from the image center up to the corners and compensate for the resolution degradation that typically occurs when changing working distance or aperture value. This enables the consistent delivery of high-resolution images even under varying installation and shooting conditions at the manufacturing frontline.

Despite the high resolution, the lenses surprise with the smallest and lightest body compared to other high resolution lenses that are currently available on the market, measuring only 33mm in outer diameter. Fujinon HF-12M series is available in five models of various focal lengths from 8 mm to 35 mm and is officially designed for 2/3" sensors, but especially the longer focal lengths are applicable on larger sensor sizes of up to 1/1.2" as well. All models offer low-distortion design and small working distances as of 100mm, which makes them suitable for applications with limited space.

### SPECIFICATIONS

<b>Aperture Range Max</b>	1.8
<b>Aperture Range Min</b>	22
<b>Distortion</b>	-1.03
<b>Filter</b>	30.5
<b>Focal Length</b>	8 mm
<b>Focus</b>	Manual
<b>Focus distance min</b>	100 mm
<b>Lens Barrel</b>	C-Mount
<b>Pixel size min</b>	2.1 µm
<b>Resolution max</b>	12 MP
<b>Sensor size max</b>	2/3"

<b>Weight</b>	0.095 kg
<b>Viewing Angle (Horizontal) 2/3 "</b>	56.9
<b>Viewing Angle (Vertical) 2/3 "</b>	43.9

