

### Supporting Ultra High Performance 3.1μm Pixel Pitch (12MP) Image Sensors Industrial-Use Fixed-Focal Lens ■ 1.1" 50mm F/1.8 (Model M111FM50)



Model		M111FM50
Imager Size		1.1"
Mount Type		C
Focal Length		50mm
Aperture Range		F/1.8 ~ 22
Field of View Angle (Horizontal × Vertical)	1.1"	(1:1) 14.1° × 14.1°
		(4:3) 15.9° × 11.9°
	1"	(1:1) 12.9° × 12.9°
		(4:3) 14.6° × 11.0°
2/3"		10.1° × 7.6°
Focus Range		0.4m ~ ∞
Operation	Focus	Manual w/Lock
	Iris	Manual w/Lock
Filter Size		M49 P=0.75mm
Wave Length		Visible Light

#### Main Feature

#### > High Resolving Power

- Industry-leading resolving power optimally tuned for 3.1μm pixel pitch 1.1" imagers renders high-fidelity images equivalent to 12MP resolution.

#### > Image Quality Prioritized for Closer Distance Range

- The superb image quality at the most commonly used closer distance range is achieved in line with the design philosophy that has been demonstrated in our current FA-series lenses.

#### > Operational Ease

- Smooth rotation torque of both focus and iris rings facilitates the adjustment of both focusing and aperture.

#### > Sophisticated Optical Design to Deliver Distinguished Image Quality

- Excellent image quality from center to corner is delivered based on the latest optical design technology with discernible resolution and contrast.
- Enhanced transmissivity across the whole bandwidth is attained with Tamron's original coating technology.

#### > Compatibility with Diversified Imagers

- The 17.6mm Effective Image Circle Diameter of the lens expands its compatibility with a broader range of cameras with multiple imager formats up to 1.1".

**Caution :** Please read the instruction manual carefully before using the camera.

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#### Management on Quality and Environment :

Tamron is certified with international standards: ISO 9001 for quality and ISO 14001 for environmental management at its headquarters, domestic sales offices, China plant as well as three production facilities in Aomori, Japan, and is fully committed to striving for continued and sustainable improvement at all levels and facets of its business operations.