

## IP/CCTV LENS NEWS from TAMRON

### A New 3-Mega-Pixel NIR (Near-IR) Vari-Focal Lens\* 1/2.7" 2.7-13mm F/1.4 (Model: M13VG2713IR)

NEW



Model		M13VG2713IR	
Imager Size		1/2.7"	
Mount Type		CS	
Focal Length		2.7 ~ 13mm	
Aperture Range		F/1.4 ~ F/360	
Field of View Angle (Horizontal × Vertical)	1/2.7"	Wide	125.1° × 66.1°
		Tele	26.7° × 15.2°
	1/3"	Wide	101.1° × 73.9°
		Tele	22.3° × 16.8°
Focusing Range		0.3m ~ ∞	
Operation	Focus	Manual w/lock	
	Zoom	Manual w/lock	
	Iris	DC Auto Iris	
Wave Length		Visible Light ~ Near Infrared	
Operating Temperature		-20°C ~ +60°C	

#### Key Features

- **Distinguished Optical Performance ‘Compatible With 3-Mega-Pixel’**
  - Leading technologies such as aspherical and extraordinary LD (Low Dispersion) lens elements were employed together with state-of-the-art optical design to achieve high-fidelity imaging compatible with 3-mega-pixel cameras, exceeding full HD1080P resolution.
  - The lens boasts the fastest F-number F/1.4, which effectively assures mega-pixel image-quality even under low illumination condition.
- **Mega-Pixel Imaging Sustainable Under IR Lighting**
  - The lens newly announced maintains high-quality 3-mega-pixel imaging throughout the visual and near-IR spectrum, without quality degradation when a camera is switched to “night-mode”.
- **Wide-Utility Focal Length of 2.7 – 13mm and Wide-Angle Horizontal FOV**
  - Mega-pixel image-quality is assured over the most widely-utilized focal-length range of 2.7–13mm.
  - The focal length of 2.7mm at the wide-angle (FOV angle of 125.1°) is especially useful to obtain an entire room view from a corner point.
- **Reduction of Color Blur by Elimination of Chromatic Aberration**
  - A new optical design eliminates chromatic aberration to the limit, resulting in images without annoying color blur.
  - Incoming light reflection on the lens surface is thoroughly suppressed by means of state-of-the-art lens design to prevent its incursion into output images.
  - Employing multi-coating technology also assures flare-free and ghost-free imaging.
- **Pursuit of High Utility**
  - Large rotation angle for faster and easier focusing.
  - Slip-mount mechanism for faster and easier camera / lens installation and assembly.
  - Auto iris mechanism.

\* Model designed for overseas market

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