

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)**



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

TAMRON CO., LTD. <http://www.tamron.biz/en/>
1385, Hasunuma, Minuma-ku, Saitama-shi, Saitama 337-8556 JAPAN
Tel: +81-48-684-9129 Fax: +81-48-683-8594

TAMRON USA, INC. <http://www.tamron-usa.com>
10 Austin Boulevard, Commack, NY 11725, USA Tel: +1-631-858-8400 Fax: +1-631-543-3963

TAMRON Europe GmbH. <http://www.tamron.de>
Robert Bosch-Str. 9, 50769 Cologne, GERMANY Tel: +49-221-970325-0 Fax: +49-221-970325-4

TAMRON INDUSTRIES (HONG KONG) LIMITED <http://www.tamron.com.hk>
Unit 908, 9/F, Elite Centre, 22 Hung To Road, Kwun Tong, Kowloon, Hong Kong Tel: +852-2721-7797 Fax: +852-2620-1631

TAMRON (Russia) LLC. <http://www.tamron.ru>
Unikon Business Center 5F No. 9, Plekhanova Street 4a, Moscow, 111123, Russian Federation
Tel: +7-495-970-0112 Fax: +7-495-970-0112

TAMRON INDIA PRIVATE LIMITED <http://www.tamron.in>
801, 8th Floor, Time Tower, M.G Road, Sector-28, Gurgaon-122002, Haryana, India
Tel: +91-124-41-168-12 Fax: +91-124-40-822-72



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