

TAMRON

**Compact and Lightweight Camera Module
Equipped with 10x optical zoom and Day/Night feature**



■ **Compact and Lightweight Body**

total length 59mm and weight 70g

■ **10x optical zoom lens**

industry-leading compact zoom lens

■ **Day/Night feature**

for 24/7 surveillance



Model: MP3010M-EV

**Compact and lightweight design by utilizing industry-leading compact zoom lens
Camera module for various applications**

MP3010M-EV Main specifications

Image sensor	Sony's CMOS image sensor with STARVIS™ technology *1
Pixel output (H x V)	1920x1080 or 1280x720
Signal system(HD)	1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50, 720p/30, 720p/29.97, 720p/25
Signal system(SD)	NTSC/PAL
Minimum illumination	0.1 lx (1/30sec, F/1.8, 50%, Color, Typical) 0.025 lx (1/30sec, F/1.8, 50%, B&W, Typical)
S/N	More than 50dB
Gain	Auto/Manual
Shutter speed	1/1~1/10,000 sec
Sync system	Internal
Backlight compensation	ON/OFF
White balance	ATW1(Narrow), ATW2(Wide), INDOOR, OUTDOOR, One push, Manual
Lens	10x optical zoom f=3.3~33mm F/1.8~F/3.4
Digital Zoom	Up to 16x

Focusing system	Auto, Manual, One push, AF sensitivity
Minimum object distance (wide to tele)	Visible light: 10mm(wide)~800mm(tele) 850nm: 10mm(wide)~1200mm(tele)
Horizontal viewing angle (wide to tele)	59.2°(wide)~6.7°(tele) *2
Day/Night	ON/OFF (ICR switching)
EIS	OFF/ON
Horizontal resolution	Center : 800TV lines (Typical)
Video output (HD)	LVDS: digital Y/Pb/Pr 4:2:2 HDMI*3: digital Y/Pb/Pr 4:2:2 (HDMI Type D)
Video output (SD)	CVBS 1.0V(p-p, 75Ω)
Camera control	VISCA*4
Power requirement	DC 8~12±10%
Power consumption	Approx.2.5W (Approx.4.4W in the zoom and focus operation)
Operating temperature	-5~+60°C
Operating humidity	30%~80% (no condensation)
Storage temperature	-40~+60°C
Dimensions (W x H x D)	33 x 43 x 59 mm
Weight	about 70g

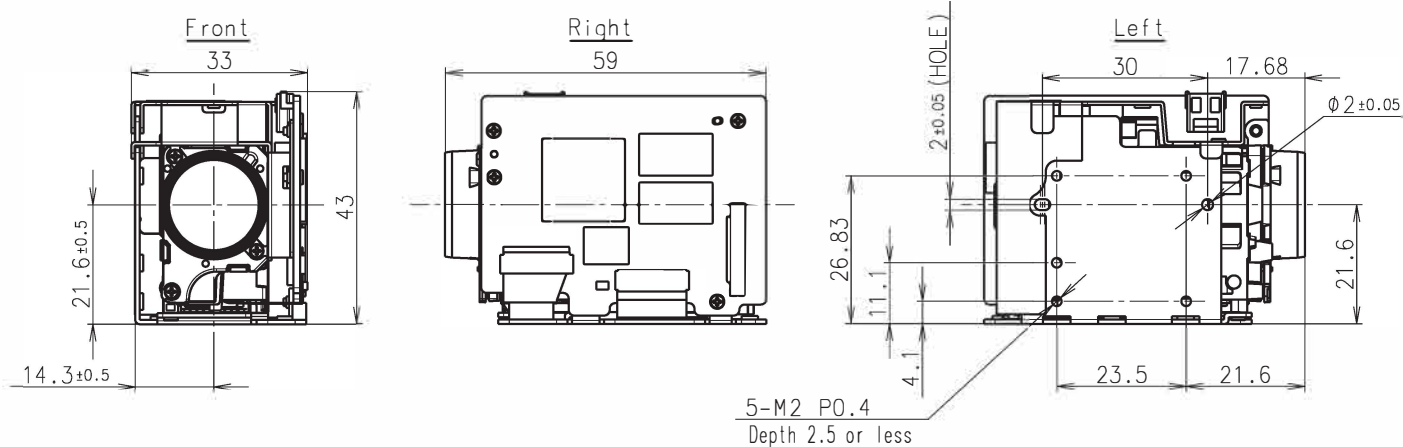
*1 STARVIS is trademark of Sony Group corporation or its affiliates.

*2 Except when EIS is operated

*3 The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

*4 VISCA is trademark of Sony Group corporation or its affiliates.

[Dimensions : unit mm]



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

TAMRON AMERICAS, INC. <http://www.tamron-americas.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: +49-221-669544-0 Fax:
+49-221-669544-404

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 2F No. 4, Plekhanova Street 4a, Moscow, 11123, Russian Federation
Tel: +7-495-970-0112 Fax: +7-495-970-0112

TAMRON OPTICAL (SHANGHAI) CO., LTD. <http://www.tamron.com.cn>
Room 1707, Ruijin Building, No.205, Maoming South Road, Shanghai, 200020, CHINA
Tel: +86-21-5102-8880

TAMRON INDIA PRIVATE LIMITED <http://www.tamron.in>
805, 806&807, 8th floor, Vatika City Point, MG Road, Gurgaon-122001, Haryana, India
Tel: +91-124-41-168-12 Fax: +91-124-40-822-72

• The content of this catalog is current as of February 2024.

• Product specifications, appearance and performance are subject to change without notice. NL-2402-EN-0000