Ultra-Compact Camera module MP3010M-EV
Next Generation of well accepted MP1010/MP1110 series
■10x optical zoom lens■1080/60p

Key Features

■Compatible design with MP1010/MP1110 series
- ☑ Almost same size as existing models
- ☑ Keep same mounting screw holes/holes position as current models
- ☑ Industry's smallest class 10x optical zoom lens
- ☑ LVDS output (built-in 30pin connector, keep current pin
- ☑ assignment)
   VISCA protocol ※1

■Enhanced Features
- ☑ High Sensitivity (utilize High sensitivity image sensor)
- ☑ Day/Night function (ICR) for outdoor surveillance
- ☑ LVDS/HDMI video output
- ☑ Firmware update via USB
- ☑ Enhanced EIS (Electric Image Stabilizer)
- ☑ Support NDAA (Japanese ISP)

※1: VISCA is a trademark of SONY Corporation.
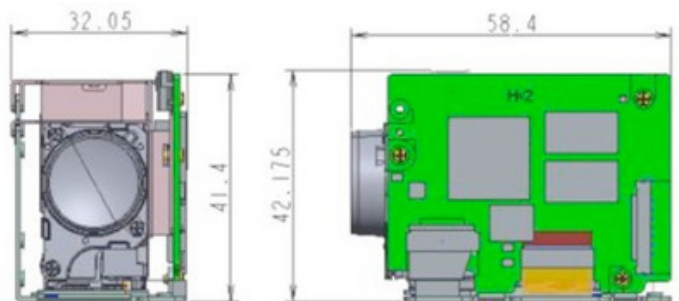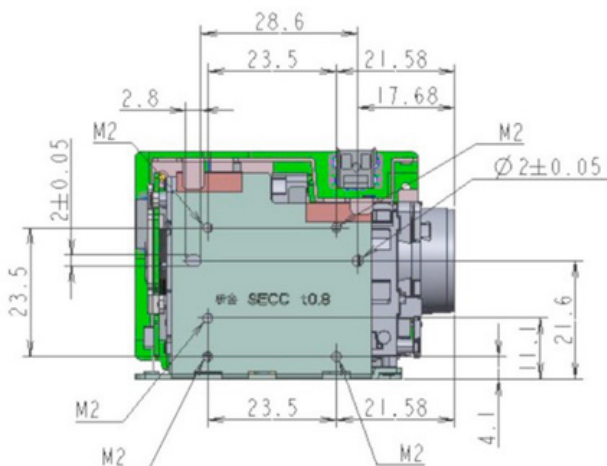   The operation and response to the VISCA command may differ from the conventional models.
※2:This model is still under the development process and the specifications are subject to change without notice

MP3010M-EV Provisional Specifications

	MP3010M
Image sensor	CMOS
Pixel output(HxV)	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 (interlace not supported)
Signal system Analog	NTSC/PAL
Sensitivity	0.1 lx (1/30sec,F/1.8,50%, color) TBD : B&W
S/N	More than 50dB
Gain	Auto/Manual
Shutter speed	1/1～1/10,000 sec
Sync system	Internal
Back light comp	ON/OFF
White balance	AWB/INDOOR/OUTDOOR One-push, Manual 1600K～10000K

	MP3010M
Lens	10x optical zoom f=3.2～33.6mm Fw/1.8～Ft/3.4 (ICR type)
Digital zoom	16x
Focus	Auto/Manual/One-push AF sensitivity
Minimum object Distance (MOD)	10mm(w)～800mm(t)
H Field of View	59.2°(w)～6.7°(t)
Day/Night	ON/OFF (ICR switching)
Horizontal Resolution	More than 800TV lines (center)
Video output HD	LVDS : digital Y/Pb/Pr4:2:2 HDMI : digital Y/Pb/Pr4:2:2 (micro HDMI)
Video output	CVBS 1.0V(p-p)
SD Camera control	VISCA *VISCA is trademark of SONY
Power supply	8-12V, DC
Operating Temperature	-5 ～+60 ℃ ℃

【Dimensions 】 unit :mm

*specifications subject to change without notice