

Specifications

Camera	
Image Sensor	1/2.5 type MOS
Effective Pixels (approx.)	4 Megapixels
Scanning Mode	Progressive Scan
Minimum Illumination (approx.)	Color : 2.0lx (1/30sec, 50IRE, F1.8, Gain: High) B/W : 0.1lx (1/30sec, 50IRE, F1.8, Gain: High)
Video S/N Ratio	More than 50 dB (AGC: OFF)
Backlight compensation	Multi / Center / Face / OFF (Mask settings possible)
White Balance	AWC / ATW / MWB (Adjustable R and B signals) / Outdoor / Indoor / Fluorescent
AGC	Low2 / Low1 / Low / Normal / Middle / High / OFF (Adjustable)
Electronic Shutter	1/50 (1/60), 1/120 (1/100), 1/250, 1/500, 1/1,000, 1/2,000, 1/4,000, 1/10,000 Long shutter : x1, x2, x4, x8, x16, x32, x64
Electronic Sensitivity UP	Auto / OFF, max 64x
Electronic iris	ON / OFF
Day & Night (IR)	Auto / Color / BW
Digital Noise Reduction	ON / OFF
Gamma	0.45/1, other settings available
Auto Scene	ON / OFF
Video Motion Detection	ON / OFF, adjustable sensitivities, motion zoom function available
Face Detection	ON / OFF
Privacy Mask	ON / OFF
Mirror Image Effect	H/V / HV / OFF
Image Stabilizer	ON / OFF
Camera Title (OSD)	16 alphanumeric characters
Auto Focus	Auto / Manual / One-Push
Aperture compensation	ON / OFF
Synchronization	Internal Sync
Lens	
Focal Length	6.3 mm ~ 63 mm, F1.8-2.5
Zoom Ration	10x Optical Zoom, 16x Digital Zoom
Angular Field of View	Horizontal : (16:9) 5.5 ~ 50.6 °, (4:3) 5.2 ~ 48.7 ° Vertical : (16:9) 3.1 ~ 29.3 °, (4:3) 3.9 ~ 37 ° Diagonal : (16:9) 6.2 ~ 57 °, (4:3) 6.5 ~ 58.8 °
Input / Output	
Video Output	HD (LVDS): 1080/59.94i, 1080/29.97p, 720/59.94p 1080/50i, 1080/25p, 720/50p Component (Y/Pb/Pr): 1080/59.94p, 1080/59.94i, 1080/29.97p, 720/59.94p, 480/59.94p (Crop/Squeeze)

	1080/50p, 1080/50i, 1080/25p, 720/50p, 576/50p (Crop/Squeeze) YC output Composite (NTSC/PAL) : for adjustment
USB (Video class)	JPEG Still Shot (Max.4 Megapixels) (4:3) 2288x1712, 1600x1200, 1280x960, 1024x768, 800x600, 640x480, 320x240 (16:9) 1920x1080, 1280x720, 1024x576, 640x360
Communication Interface	UART (CMOS Level)
Still-Shot Trigger input	1 input
Strobe (Flash) output	1 input
General	
Power supply	6-12V DC (Recommendation : DC9V)
Power Consumption (approx.)	DC6V : 3.4W (3.9W, motor active) DC9V : 3.6W (4.2W, motor active) DC12V : 3.7W (4.3W, motor active)
Ambient Operating Temperature	-10 °C ~ +50 °C (14 °F ~ 122 °F)
Ambient Storage Temperature	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
Ambient Operating Humidity	90 % or less (without condensation)
Dimensions (approx.)	43.7 mm (W) x 44.2 mm (H) x 75.2 mm (L) (1-23/32" (W) x 1-3/4" (H) x 2-31/32" (L))
Weight (approx.)	180 g (6.35 oz)