

Specifications

Camera	
Image Sensor	1/4 type interline transfer CCD
Effective Pixels	NTSC: 976(H) x 494(V) PAL: 976(H) x 582(V)
Scanning Mode	2:1 interlace
Scanning Area	3.6(H) x 2.7(V) mm
Horizontal Resolution	650 TV line typical
Minimum Illumination (typical)	Color 0.5 lx (50 IRE, F1.4, Shutter: NTSC 1/60 sec, PAL 1/50 sec, Gain: High, Sense UP: OFF) B/W 0.04 lx (50 IRE, F1.4, Shutter: NTSC 1/60 sec, PAL 1/50 sec, Gain: High, Sense UP: OFF)
Video S/N Ratio	More than 50 dB (AGC: OFF)
Backlight compensation	Multi / Center / OFF (Mask settings possible)
White Balance	AWC / ATW / MWB (Adjustable R and B signals) / Outdoor / Indoor / Fluorescent
Iris Control	Auto / Manual
AGC	Low / Middle / High / OFF (Adjustable)
Super Dynamic	ON / OFF (ON: 54 dB typical)
Electronic Shutter	NTSC: 1/60, 1/100, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10 000 sec. PAL : 1/50, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10 000 sec. Long shutter : x1, x2, x4, x6, x10, x16, x32, x64, x128, x256, x512
Electronic Sensitivity UP	Auto / OFF, max 32x
Electronic iris	ON / OFF
Day & Night (IR)	Auto / Color / BW
Digital Noise Reduction	High / Low
Gamma	0.45 / 1 / SMART1 / SMART2
Video Motion Detection	ON / OFF, adjustable sensitivities
Privacy Mask	ON / OFF, up to 8 zones
Mirror Image Effect	H/V / HV / OFF
Image Stabilizer	ON / OFF
Camera Title (OSD)	16 alphanumeric characters (cameraID:8 + Title:8)
Auto Focus	Auto / Manual / One-Push / Stop AF
Aperture compensation	ON / OFF (H/V settings possible)
Synchronization	Internal / External (V-sync.)
Lens	
Focal Length	3.3 mm ~ 119 mm / F1.4-4.2
Zoom Ratio	36x Optical Zoom, 20x Digital Zoom
View Angle	Horizontal : 1.7 ° ~ 60.2 ° Vertical : 1.3 ° ~ 46.0 ° Diagonal : 2.2 ° ~ 72.8 °

Input / Output	
Video Output	NTSC: Composite, 1.0 Vp-p, 75 Ω PAL : Composite, 1.0 Vp-p, 75 Ω
Communication Interface	UART (CMOS Level)
General	
Power supply	6-12 V DC (Recommendation : DC9 V)
Power Consumption (approx.)	2.4 W (3.4 W, motor active)
Ambient Operating Temperature	-10 °C ~ +65 °C (14 °F ~ 149 °F)
Ambient Storage Temperature	-20 °C ~ +65 °C (-4 °F ~ 149 °F)
Ambient Operating Humidity	90 % or less (without condensation)
Dimensions (approx.)	50.0 mm (W) x 60.0 mm (H) x 88.4 mm (L) (2" (W) x 2-3/8" (H) x 3-1/2" (L))
Weight (approx.)	260 g (9.17 oz)