

## camera module

Type	FCB-IX10AP Colour Video Camera
Image Sensor	1/4" TYP Super HAD CCD
Signal System	PAL (NTSC upon request)
Picture Elements	approx. 380k pixels
Horizontal Resolution	460 TV lines
Lens	10x zoom, f=4.2 mm (wide) to 42 mm (tele), F1.8 to F2.9
Zoom	40x (10x optical, 4x digital)
Angle of View(H)	46 degrees (wide end) to 4.6 degrees (tele end)
Min. Working Distance	10 mm (wide end), 1000 mm (tele end)
Sync System	Internal
Recommended Illumination	100 to 100,000 lux
Min. Illumination	2.0 lux (50 IRE)
S/N Ratio:	50 dB or more
Elektronic Shutter Speed:	1/1 to 1/10000 s, 22 steps
White Balance	Auto, ATW, Indoor, Outdoor, One-Push WB , Manual WB
Gain	Auto / Manual (-3 to 28 dB, 2 dB steps)
AE Control	Auto, Manual, Priority mode, Bright, Exposure compensation, Back
EV Compensation	-10.5 to +10.5 dB (1.5 dB steps)
Focusing System	Auto (Sensitivity: Normal, Low), One-Push Af, Manual, Infinity AF, Interval AF, Zoom Trigger AF
Picture Effects	Negative/Positive Reversal, White
Camera Operation Switch	Zoom tele, Zoom wide
Aperture Control	16 steps
Preset	6 positions
Serial Interface	VISCA protocol (TTL/RS-232C signal level), 9.6 kbps, 19.2 kbps, 38.4 kbps, Stop bit 1/2 bit (switchable)
Video Output	VBS: 1.0 Vp-p (Sync. negative) Y/C-Output
Storage Temperature / Humidity	-20 to 60 °C (-4°F to 140°F) / 20 to 95%
Operating Temperature / Humidity	0 to +50 C° (32°F to 122°F) / 20 to 80%
Power Requirements / Power Consumption	24V DC /1.6W (inactive motors), 2.1W (active motors)
Weight	approx. 95g (3.4 oz)
Dimensions	39.3(W) x 44.8(H) x 65 (D) mm (1 9/16 x 1 1/13 x 2 5/8 inches)

