

FCB-IX11A

Colour camera with a 1/4-type Exview HAD™ CCD and feature a 40x zoom ratio (10x optical, 4x digital)

The FCB-IX11A/IX11AP colour cameras incorporate a 1/4-type Exview HAD™ CCD and feature a 40x zoom ratio (10x optical, 4x digital). With their ultra-compact and lightweight body, this makes them ideal for space restricted applications. Offering high picture quality and a variety of functions, the FCB-IX series is ideal for your demanding applications.

Features

1/4-type Exview HAD™ CCD
Compact and lightweight

40x zoom ratio (10x optical, 4x digital)
Minimum illumination of 1.5 lx (typical)
Key switch control compatibility
Spot AE
Field Memory/Freeze mode
High-speed serial interface (maximum 38.4 Kb/s) with TTL signal-level control (VISCA protocol)
Electronic shutter/slow shutter
On-screen display (date/time/title)

Technical Specifications

Generic Specifications	
Image device	1/4-type Exview HAD CCD
Effective picture Elements	Approx. 380,000 pixels
Lens	10x zoom, f = 4.2 mm (wide) to 42 mm (tele), F1.8 to F2.9
Digital zoom	4x (40x with optical zoom)
Angle of view (H)	46° (wide end) to 5.0° (tele end)
Minimum working distance	10 mm (wide end), 1000 mm (tele end)
Sync. system	Internal
Minimum illumination	1.5lux (50IRE)
S/N ratio	More than 50 dB
Electronic shutter	1/1 s to 1/10,000 s, 22 steps
White Balance (WB)	Auto, ATW, Indoor, Outdoor, One-Push, Manual
Gain	Auto / Manual (-3 to 28 dB, 2 dB steps)

AE control	Auto, Manual, Priority mode, Bright, EV compensation, Back-light compensation
EV compensation	-10.5 to +10.5 dB (1.5 dB steps)
Back-light compensation	On/Off
Flicker cancel	Auto
Freeze function	YES
Focusing system	Auto (sensitivity: Normal, Low), One-Push AF, Manual, Infinity Interval AF, Zoom Trigger AF
Video output	VBS: 1.0 Vp-p (Sync. Negative) Y/C Output
Picture effect	Neg. Art, Black & White, Mirror Image
Camera operation switch	Zoom tele, Zoom wide
Camera control interface	VISCA (TTL/RS-232C signal level) Baud Rate 9.6 Kb/s, 19.2 Kb/s, 38.4 Kb/s Stop bit 1/2 selectable
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating temperature	0 °C to 50 °C (32 °F to 122 °F)

Power consumption	6 to 12 V DC / 1.6 W. inactive motors), 2.1 W (active motors)
Mass	95 g (3.4 oz)

Dimensions (W x H x D)	39.3 x 44.8 x 65 mm (1 9/16 x 1 13/16 x 2 5/8 inches)
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