



FCBER8300

20x w/SRZ 1/2.33 4K
ExmorR CMOS -3,840
x 2160 Color Block
Camera

Pricing available upon
request

Overview

Specifications

Camera Specifications	Detail
Image Device	Progressive scan CMOS Image Sensor 1/2.3 type "Exmor R"
Effective Pixels	Approx. 8.93 Mega Pixels
Digital Zoom	12x (144x with optical zoom)
Horizontal Viewing Angle	73.4° (wide end) to 6.4° (tele end)
Minimum Object Distance	10 mm (wide end) to 1,500 mm (tele end) (Default: 300 mm)
Sync System	Internal
Electronic Shutter	1/1 s to 1/10,000 s, 22 steps
White Balance	Auto, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor Lamp (Fix/Auto/Outdoor/Auto)
Gain	Auto/Manual (0dB to 33dB) Max. Gain Limit (9dB to 33dB)
Wide Dynamic Range	No
Backlight Compensation	Yes
Privacy Zone Masking	Yes
Character Generator	20 characters/line, max. 11 lines
Focus System	Auto (Sensitivity: normal, low), One-push AF, Manual, Interval AF, Zoom Trigger AF, Focus compensation in ICR on
Camera Operation / Zoom Switch	12x (144x with optical zoom)
Picture Effects	E-Flip, Black & White, Mirror image, Color enhancement
Exposure Control	Auto, Manual, Priority mode (shutter priority & iris priority), Bright, EV compensation
Video Output Specifications	Detail
Lens Value	12x optical zoom, f = 3.9 mm (wide) to 46.8 mm (tele), F1.8 to F2.0
Minimum Illumination	Color: 0.75 lx (F1.8, AGC on, 1/30 s) High Sensitivity Mode Color: 3 lx (F1.8, AGC on, 1/30 s) Normal Mode
Interfaces Specifications	Detail
Camera Control Interface	VISCA (CMOS 3.1 V level) Baud rate: 9.6 Kbps, 19.2 Kbps, 38.4 Kbps, 57.6 Kbps, 115.2 Kbps, Stop bit: 1 bit
General Specifications	Detail
Dimensions (W x H x D)	60mm x 64mm x 105mm

Weight	385 grams
Operating Temperature	-5 to +60 (°C) / 20 (%) to 80 (%) Absolute Humidity: 36 (g/m3)
Storage Temperature	-20 to +60 (°C) / 20 (%) to 95 (%) Absolute Humidity: 36 (g/m3)
Operating Humidity	20% to 80% Absolute humidity : 36[g/m3]
Storage Humidity	20% to 95% Absolute humidity : 36[g/m3]
Power Consumption	2.8W (Typ. DC IN 6 - 12V, steady state)
Power Requirements	6.0V ~ 12.0V DC