

SONY
EFC - 8300
4 K RESOLUTION CAMERA
4K RESOLUTION CAMERA WITH ZOOM LENS AND HDMI OUTPUT

- 4K resolution camera with SONY module inside and HDMI output at up 30p
- Exmore R CMOS 1/2,3" image sensor boasting approx. 8 930 000 effective pixel
- Video output from HD to 4 K
- Minimum illumination 0,75 lx for High Sensitivity Mode
- High – speed serial port with VISCA protocol for setting camera function
- 12x optical zoom and 12x digital zoom ,
- Power consumption 6 – 12V max 5W



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Specification:	
Image sensor	1/2,3" Exmore R CMOS
Effective pixels	Approx. 9 830 000 pixel
Signal system	4K: 2160p/29,97 ; 2160p / 25 FHD / HD: 1080p / 59,94; 1080p / 50; 1080i / 50; 720p / 59,94; 720p / 50
Zoom lens	12x optical zoom, f=3,9 mm (wide), f=46,8 mm (tele), F1,8 – F2,0
Digital zoom	12x (144x with optical zoom)
Horizontal angle of view	70,7° (wide); 6,4° (tele)
Minimal object distance	10 mm (wide), 1800 mm (tele); (Default: 300mm)
Sync systém	Internal
Minimum illumination	High Sensitivity Mode Color: 0,75 lx (at F1,8 / 50 IRE)
Minimum illumination	Normal Sensitivity Mode Color: 3 lx (at F1,8 / 50 IRE)
Electronic shutter	1/1 to 1/10 000 s., 22 steps
White balance	Auto, Indoor , Outdoor , One-Push , Sodium Vapor Lamp, Manual
Gain	Auto / Manual (0 dB to 33 dB)
AE control	Auto, manual, shutter priority, iris priority, Bright, EVvcompensation
Backlight compensation	On / Off
Auto ICR	Yes
Other function	Visibility Enhancer; Defog; Progressive Scan Mode; Motion Detection; Picture Freeze;
Title Display	20 characters/ line, max. 11 lines
Spherical Privacy Zone Masking	Yes
Serial port	VISCA protocol 9,6 kB/s, 19,2 kB/s, 38,4 kB/s, stop bit 1
Connector video output	HDMI
Other connector	12- pin miniature bayonet connector
Temperature	Operating 0° až 40°C / Storage -20° až 60°C
Power consumption	9 - 12 V DC / 5 W
Weight	560 g
Dimension (h x w x d)	70 x x 75 x 140 mm