

**SONY**
**EHD – 11A**  
**EHD – 11/SDI**
**FULL -HD CAMERA**
**COLOR FULL HD CAMERA WITH ZOOM AND ANALOGUE OR HD- SDI OUTPUT**

- Full HD camera with SONY module inside and HD-SDI output or analogue output
- HD CMOS1/3" image sensor boasting approx. 2 000 000 effective pixel
- Possibility to set different resolution formats
- Picture freeze function, spot AE function, slow shutter, day / night function and other.
- High – speed serial port with VISCA protocol for setting camera function
- 10x optical zoom and 12x digital zoom ,
- Low power consumption max 8W

Specification:	
Image sensor	1/3" HD CMOS
Effective pixels	Approx. 2 000 000 pixel
Image ratio	HD 16 : 9
Zoom lens	10x optical zoom, f=5,1 mm (wide), f=51,0 mm (tele), F1,8 – F2,1
Digital zoom	12x (120x zoom ratio)
Horizontal angle of view	50° (wide); 5,4° (tele)
Minimal object distance	10 mm (wide), 800 mm (tele)
Sync systém	Internal
Minimal illumination	12 lux (typical at F1,8 / 50 IRE)
S / N ratio	more 50 dB
Electronic shutter	1/2 to 1/10 000 s., 21 steps
White balance	Auto, Indoor , Outdoor , One-Push , Manual
Gain	Auto / Manual (-3 dB to 18 dB in 8 steps)
AE control	Auto, manual, shutter priority, iris priority, bright, spot AE
EV compensation	-10,5 to +10,5 dB ( 15 steps , 1,5 dB increments)
Backlight compensation	On / Off
Sensitivity	Color 12 lx, B/W 1 lx ( at F1,8 / 50 IRE)
Signal system HD-SDI	HD 1080p, 1080i or 720p *
Signal system analogue	PAL , NTSC ( YUV , Y/C or VBS)
HD – SDI output	BNC connector (model EHD-11/SDI)
Analogue output	9pin D sub ( model EHD – 11/A)
Focusing	Auto , One-Push Trigger, Manual
Picture effect	Negativ, black and white, mirror
Serial port	VISCA protocol 9,6 kB/s, 19,2 kB/s, 38,4 kB/s, stop bit 1
Temperature	Operating 0° až 40°C / Storage -20° až 60°C
Power consumption	9 - 12 V DC / 8 W
Weight	260 g
Dimension (h x w x d)	68 x 58 x 118 mm (EHD-11/SDI) 68 x 58 x 140mm (EHD-11/A)

\* Please specify format for manufacture setting



EHD-11 / SDI camera



EHD-11/SDI rear panel

**Pin assigment of 12 pin multiconnector:**

Pin č.	Function
1	GND
2	+9-12V
3	NC
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	TxD
11	RxD
12	GND