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Specification	Fire-i board color				Fire-i board monochrome				Fire-i board color RAW				
Device type: IIDC 1394-based Digital Camera													
Compliance Reported Manufacturer Name Reported Model Name Interface Speed Photo	v 1.04 Unibrain Fire-i BCL IEEE-1394 400 Mbps	4a, 2 ports							v 1.04 Unibrain Fire-i BCR 1.2 IEEE-1394a, 2 ports (6 pins), 1 remov. 400 Mbps				
Sensor: Sony Wfine* 1/4" CCD	* Wfine	e CCD is a trad	emark of Sony	Corporation									
Sensor name Scanning Effective pixels (H x V) Pixel shape (H x V) Color Resolution TV-lines (H x V)	ICX-098Be progressiv 659 x 494 square, 5. yes, RGB 400 x 400	/e 6 x 5.6 μm filtering, B			ICX-098BL progressive 659 x 494 square, 5.6 x 5.6 µm no color filtering 480 x 480				ICX-098BQ progressive 659 x 494 square, 5.6 x 5.6 µm yes, RGB filtering, Bayer 480 x 480				
Optics: provided separately	N40.0 5				M40:-0 5				M40:0 5				
Ü	M12x0.5 ibrain (many models also from other man					M12x0.5				M12x0.5			
IR filter coated 2.1 mm IR filter coated 4.3 mm IR filter coated 8.0 mm not IR filter coated 12 mm	all lighting conditions all lighting conditions all lighting conditions avoid halogen and sunlight				visible light only visible light only visible light only visible light and close IR vision				all lighting conditions all lighting conditions all lighting conditions avoid halogen and sunlight				
Picture modes: progressive VG				tion by 13					1				
Resolutions Codings Video Modes / Frame rates 640x480 RGB-24 (24 bits)	YUV, RGB, Monochrome				640x480 Monochrome 30 fps				640x480 Monochrome 30 fps				
640x480 YUV 4:2:2 (16 bits)		X	X	X					1				
640x480 YUV 4:1:1 (12 bits) 640x480 Y-Mono8 (8 bits)	X	X	X	X	Х	X	Х	Х	Х	Х	X	X	
320x240 YUV 4:2:2 (16bits) 160x120 YUV 4:4:4 (24 bits)	X	X	X	Х									
Picture settings: selection by 13			,			1		<u>I</u>					
Gain Shutter Black level Gamma Backlight compensation Sharpness White Balance Color Saturation	Auto / Manual 0 - 30 dB Auto / Manual 1/3400s - 1/31s Auto / Manual OFF(linear) = 1 / ON (visual) = 0.45 6 modes + OFF OFF(linear) = 0 / ON (visual) = manual Auto / Manual Manual				Auto / Manual 0 - 30 dB Auto / Manual 1/3400s - 1/31s Auto / Manual OFF(linear) = 1 / ON (visual) = 0.45 6 modes + OFF OFF(linear) = 0 / ON (visual) = manual not supported not supported				Auto / Manual 0 - 30 dB Auto / Manual 1/3400s - 1/31s Auto / Manual OFF(linear) = 1 / ON (visual) = 0.45 6 modes + OFF not supported Manual only not supported				
Reference picture generator	Bars and ramps, all modes. ON/OFF not supported not supported												
Source Standby power Operation power	400 mW typ., 450 mW max.				by 1394 link / external jack input 400 mW typ., 450 mW max. 900 mW typ., 1 W max.				by 1394 link / external jack input 400 mW typ., 450 mW max. 900 mW typ., 1 W max.				
General Temperature/ Humidity, oper. Temperature/ Humidity, stor. Compliance Dimensions (W x H x D) Weight	-20 to 60C / 20 to 95 % rel., non cond. CE, FCC (home and office use) 59.0 x 53.5 x 19.5 mm				-10 to 50C / 20 to 80 % rel., non cond. -20 to 60C / 20 to 95 % rel., non cond. CE, FCC (home and office use) 59.0 x 53.5 x 19.5 mm 35 gr				-10 to 50C / 20 to 80 % rel., non cond. -20 to 60C / 20 to 95 % rel., non cond. CE, FCC (home and office use) 59.0 x 53.5 x 19.5 mm 35 gr				
More information ?													
Description	http://www.unibrain.com/1394_products/fire-i_board_cam/fire-i_board_camera.htm												
Product history	http://www.unibrain.com/support/product_histories/fire-i_board_camera_pro_his.htm												
Detailled tech. documents	http://www.unibrain.com/support/tech_specs/fire-i_board_camera/tech_specs.htm												
Even more ?	support@unibrain.com												