



NOVA.light

CAMERA SYSTEM

NOVA.cam

NEXOR

[nexomedical.com](http://nexomedical.com)



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TECHNICAL DATA	HD-VERSION
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Image Device, Sensor	1/2.8-type Exmor CMOS
Video Standards	1080p 50/60 Hz
Lines x Gaps	1920 x 1080 Full HD
Number of effective Pixels	Approx. 2.38 Megapixels
Aspect Ratio	16 to 9
Minimum Illumination (50%)	1,4 Lux
Signal To Noise Ratio S/N	> 50 dB
Zoom	10-times optical / 12-times digital / 120 x incl. optical zoom
Focus Distance	f = 3,8 mm (wide) up to 38 mm (tele)
Electronic Shutter	1/1s to 1/10000 s, 22 Steps
Operating Temperature	0°C up to 45°C
Power Consumption	6 V up to 12 V DC / 3,7 W
Minimum Working Distance	10 mm (wide end) 800 mm (tele end)
Power Supply	via OR light
Picture Rotation	mechanical
Video Outputs	HDSDI
Focus	Auto or Manual
Aperture	Auto or Manual
White Balance	Auto or Manual
Freeze Function	yes
Weights of Camera	1 kg

The HD Version of the **NOVA.cam** is available with cable.

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