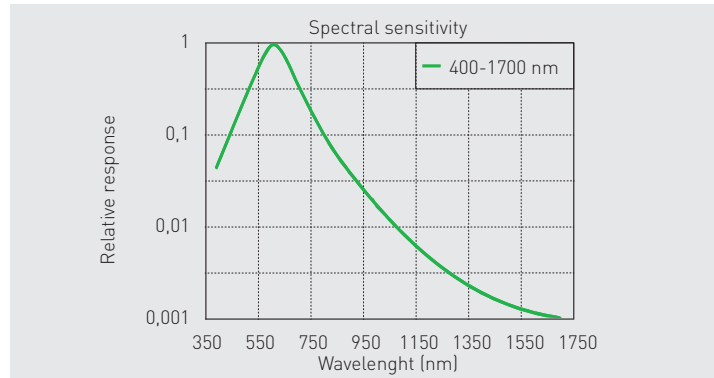


## Contour M CCD camera with display



The near infrared Contour M camera has a built in 4-inch display. Camera is designed for observation, registration and recording radiation in near infrared zone emitted by infrared sources such as GaAs IR LED, diode or solid-state lasers as well as for use in infrared microscopy, infrared luminescence, examination of documents, forensics, art restoration etc. The Contour M is ideal for the alignment of infrared beam and optical components in infrared systems in the 400-1700 nm spectral region. With Built-in 12V external charger and battery compartment ensures longer

and comfortable operation of device.

The CCD camera is based on a high-sensitive low-noise silicon CCD sensor and two-photon absorption phenomenon. Superior image quality is obtained with micro lens system and special coating layer on a silicon. The four-stage system of automatic control and superior anti-blooming feature allows operation in a much wider spectral range. The device can be used hand-held or with tripod.

### Main features

- Spectral region 400-1700 nm
- Built in display
- Battery + DC powered
- Up to 2,5 hours continuous working
- High sensitivity
- IR cut-off filter, batteries, AC/DC adapter and case included

### Application examples

- Laser alignment and safety
- Semiconductors inspection
- Forensics and art restoration
- Photo processing
- Thermal imaging

### Specifications

CONTOUR M CCD CAMERA WITH DISPLAY SPECIFICATIONS	
Focusing range	0.2 m (or 0,1 m with distance ring) to inf
Sensor size	1/3 inches, 6.3 x 4.7 mm
Pixel size	6.5(h) x 6,25(w) $\mu$ m
Display	4 inch TFT-LCD 480x234
Maximum resolution	300 TV lines
Resolution at maximum sensitivity	135 TV lines
Ratio signal-to-noise	46 dB
Video output/input	CCIR Standart composite video
Functions	Brightness, Contrast
Power supply	4x "AA" type rechargeable batteries, DC 12 V, 400 mA stabilized
Temperature range	+5... +40 °C
Weight	0,77 kg
Dimensions	160 x 95 x 100 mm

### Standard products

ITEM MODEL	SPECTRAL SENSITIVITY	VISUAL MAGNIFICATION	LENS	FIELD OF VIEW	SKU
CONT-M	400-1700nm	1X	F1,4/26mm, C-mount	10°	7659

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