



OPTOGAMA

Contour M CCD camera with display



Main features

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

Application examples

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

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 and 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.

6.5(h)x6,25(w) μ 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 12V, 400mA stabilized

Temperature range +5... +40°C

Weight 0,77kg

Dimensions (LxWxH) 160x95x100 mm

Model	Spectral range	Resolution	Field of view	Magnification	Objective lens
CONT-M	400-1700nm	300 TV lines	10°	1X	F1.4/26mm, C-mount