



OPTOGAMA

Contour IR CCD camera



Contour IR CCD camera

Main features

- Spectral region 400-1700 nm
- High sensitivity CCD camera
- Small and compact
- Tripod fixed
- Cost-effective
- Video output

Application examples

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

Contour IR CCD camera specifications

Field of view 10°

Focusing range 0,2 m (or 0,08 m with distance ring) to inf

Ration signal-to-noise 48 dB

Video output CCIR Standard composite video

Power supply DC 10...14V, 150mA

Temperature range +5... +40°C

Weight 0,23kg

Dimensions (LxWxH) 90x50x58 mm

The near infrared CONTOUR-IR camera is designed for observation, registration and recording radiation in near infrared zone in 400-1700 nm spectral region 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 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.

Model	Spectral range	Resolution	Field of view	Magnification	Objective lens	Sensor Size
CONT-IR	400-1700nm	570 TV lines	10°	1X	F1.4/26mm, C-mount	1/3 inches, 6.0mm x 4,96mm