



More Precision

ELTROTEC // Industrial Endoscopes



ELTROTEC Flexcam

- For rigid and flexible endoscopes
- Completely flexible use due to one-cable connection
- Upgrade to video endoscope

Description:

The Eltrotec Flexcam provides maximum flexibility for endoscopic applications. The camera is attached together with the C-Mount lens chosen and so can be used on flexible and rigid endoscopes. In the Flexcam, a CCD video chip records the image information. The Eltrotec Flexcam combined with a compatible endoscope result in a powerful video endoscope which can be used in different combinations time and again.



| Eltrotec Flexcam | | |
|-----------------------|---------------------------|--|
| Image sensor | 1/3" CCD | 1/3" USB CCD |
| Resolution | 752 x 582 pixels | 752 x 582 pixels |
| Horizontal resolution | >460 lines | >460 lines |
| Image format | - | Individual images can be stored (BMP, JPG) |
| Video format | - | Recording of videos/movies (AVI) |
| Software | - | included |
| Color | Bayer pattern | Bayer pattern |
| Shutter Speed | Auto (1/50s to 1/10,000s) | Auto (1/50s to 1/10,000s) |
| Images per second | 24 | 24 |
| White balance | Manual | Automatic |
| Lens connection | C-Mount | C-Mount |
| Interface | analog | USB 2.0 |
| Power supply | 12 VDC | 5V DC via USB interface |
| System requirements | - | Win. 7 + 8 Pro, 32/64bit, USB2 |
| Dimensions | Ø 24mm, L 94mm | Ø 24mm, L 94mm |
| Weight | 160 g | 160 g |
| Operating temperature | 0 °C to +50 °C | 0 °C to +50 °C |
| Storage temperature | -20°C to +60°C | -20°C to +60°C |
| Connection cable | L 2000 mm | L 2000 mm |
| Article number | 20962182 | 20962197 |

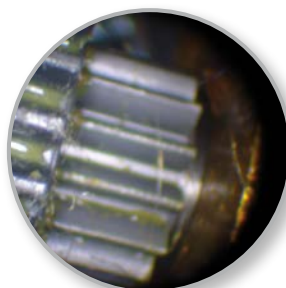


Attachment of camera and lens onto endoscope

Application examples:



Inspecting screw threads



Gear wheel inspection

High performance sensors made by Micro-Epsilon



Sensors and systems for displacement and position



Sensors and measurement devices for non-contact temperature measurement



2D/3D profile sensors (laser scanner)



Optical micrometers, fibre optic sensors and fibre optics



Colour recognition sensors, LED analyzers and colour online spectrometer



Measurement and inspection systems