



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.



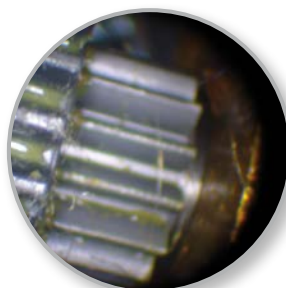
Attachment of camera and lens onto endoscope

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

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