



CC.250.HEINE

CCD-color camera with digital USB-output
for universal endoscopy applications



- Endoscopy video camera optimized for HEINE industrial endoscopes
- Universal, digital USB-output for direct connection to PC and notebook
- Small and rugged housing for industrial applications
- High speed automatic white balance and brightness control
- Integrated endoscope coupler suitable for all HEINE endoscopes
- Integrated micro switch for remote control of image capturing
- Software Intravision Capture for image- and video capturing
- OEM-versions against customers requirements
- Option: analog video output (FBAS- or Y/C)

Features



Technical Data

Image sensor	Interline Transfer CCD
Format	1/3" / 4.8(H) x 3.6(V)mm
Pixel matrix	752 (H) x 582 (V), 440.000 pixel
Pixel size	6,5 (H) x 6,25 (V) μ m
Video output	USB 2.0, (FBAS or Y/C output as option on request)
Synchronisation	internal
Resolution (H)	> 460 lines (H)
S/N ratio	> 56dB (AGC OFF)
Minimum illumination	0,8 Lux (F 1.2, AGC on)
Shutter	Auto (1/50s to 1/10.000s), manual
Gain Control	Auto (0-18dB), off
White balance	Auto (2600°K to 9000°K)
Power supply	5 V DC +/- 10% via USB2.0 port
Power consumption	app. 2,5W
Connectors	12-pin Hirose
Lens connection	M22 x 0,5, NF- , CS- or C-Mount with adaptor (option)
Operating temperature	0 °C to +50 °C
Storage temperature	-20°C to +60°C
Dimensions	Camera with endoscope coupler \varnothing =24mm, L=140mm Connection cable USB, L=1.8m
Weight	105g w/o connection cable
Scope of supply	Camera, endoscope coupler suitable for Heine endoscopes USB-connection cable L=1.8m, Software Intravision Capture (german and English version)
Option	Additional analog video output CCIR or NTSC
System requirements	Windows XP SP2 or Windows Vista, USB2 port, 1GB RAM
Order no.	CC.250.HEINE