**MICRO-EPSILON**

More Precision

**Eltrotec** // Industrial Endoscopes

## ELTROTEC Analog Color Camera - CUBECAM PRO

▪ Upgrading rigid and flexible endoscopes to video endoscopes
▪ Use only with the ELTROTEC iCapture Monitor

| Model | CUBECAM PRO |
|---|---|
| Part number | 20702312 |
| Image sensor | 1/3" CCD |
| Resolution | 752 x 582 pixels |
| Horizontal resolution | >480 lines |
| Color | Bayer pattern |
| Shutter speed | auto (1/50 s to 1/10,000 s) |
| Images per second | 50 |
| White balance | automatic |
| Lens connection | C-Mount |
| Interface | Video output 5-pin |
| Power supply | 12 VDC (via iCapture Monitor) |
| Dimensions (L x W x D) | 47mm x 47mm x 55mm |
| Weight | 85 g |
| Operating temperature | 0 °C to +50 °C |
| Storage temperature | -20 °C to +60 °C |
| Connection cables | L 1800 mm |

## Documentation Unit
## ELTROTEC iCapture Monitor

▪ Upgrading rigid and flexible endoscopes to video endoscopes
▪ Use only with analog "CUBECAM PRO" color CCD cameras

| Model | Eltrotec iCapture Monitor |
|---|---|
| Part number | 20702282 |
| **Screen/Control panel** | |
| Display size (diagonal) | 5" |
| Display type | TFT/color display |
| Resolution | VGA (640 x 480 pixels) |
| Monitor | rotatable with edge protection, integrated card slot, locking pen for carrying strap, flexible tripod |
| Operator guidance | on-screen menu |
| Menu operation | direct selection keys, function keys, arrow keys |
| Languages | German, English, French, Spanish, Italian, Turkish |
| Video connection | composite video-out |
| Power supply | replaceable Li-Ion battery included |
| Power supply | 12 V power supply unit (optional) / accessories |
| Chinch (Out) | for monitor, etc. |
| **Documentation** | |
| Video format | MPEG4 (.avi) |
| Image format | BMP (.bmp) |
| Memory | SD-HC memory cards compatible up to 32 GB |
| **Image control** | |
| Zoom | 16-fold digital zoom |
| Inversion | horizontal and vertical image inversion, controls for brightness, contrast and color |
| Text comments | integrated text-overlay generator for text lines with up to 32 characters |

# Sensors and Systems from Micro-Epsilon



Sensors and systems for displacement, distance and position



Sensors and measurement devices for non-contact temperature measurement



Measuring and inspection systems for metal strips, plastics and rubber



Optical micrometers and fiber optics, measuring and test amplifiers



Color recognition sensors, LED analyzers and inline color spectrometers



Industrial endoscopes, light sources