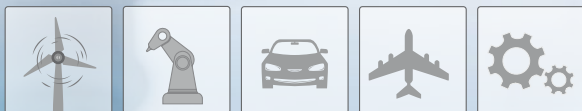




# More Precision

**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            | 27.900.17.PRO                 |
| Image sensor           | 1/3" CCD                      |
| Resolution             | 752 x 582 pixels              |
| Horizontal resolution  | >428 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 8-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 PRO Monitor

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

| Model                   | Monitor for iRIS X PRO / iRIS X PRO / iCAPTURE PRO   |  |
|-------------------------|--|--|
| Part number             | 27.900.31.PRO  |  |
| Display size (diagonal) | 7.0"   |  |
| Display type            | TFT/color display with touchscreen   |  |
| Resolution              | 1024 x 600 pixels  |  |
| User interface          | EIOS Endoscopic Imaging Operation System   |  |
| Menu operation          | on-screen menu   |  |
| Settings                | Camera control, inversion, zoom, full-screen mode (switchable), storage location, file manager, resolution, logo, Auto timeout, date, time |  |
| Text comments           | integrated text-overlay generator  |  |
| Languages               | German, English, French, Spanish, Italian, Russian, Chinese  |  |
| Interfaces              | USB, data can be forwarded "wireless"; 8-PIN interface for probe connection; power supply: 12 V power supply unit                          |  |
| Power supply            | primary  | replaceable Li-Ion battery included                            |
|                         | secondary  | 12 V power supply unit   |
| Documentation           | Video format   | MPEG4 (.avi) (with time and date stamp)                        |
|                         | Image format   | BMP (.bmp), JPEG (.jpg), PNG (.png) (with time and date stamp) |
|                         | Storage  | internal memory 16 GB/USB (16 GB included)                     |
| Image analysis          | Method   | comparative, optical measurement                               |
| Other data              | Ergonomics   | ± 90° rotatable display or ± 90° rotatable stand               |
|                         | Dimensions (H x W)   | 187 mm x 129 mm, diagonal 104 mm                               |
|                         | Weight   | 1.28 kg  |
|                         | Housing  | robust PU with full rubber protection                          |
|                         | Operating temperature (system)   | -25 °C to +46 °C   |
|                         | Storage temperature  | -25 °C to +60 °C   |
|                         | Humidity   | max. 95% - non-condensing                                      |
|                         | Protection class   | IP54   |



## 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