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	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

Modifications reserved / Y9761395-E052054GKE

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