

# DIGITAL VIDEO CAMERA 1-CCD

Made in Germany

SinoCAM II



## DIGITAL VIDEO CAMERA

SinoCAM II

- useable with rigid / flexible / micro endoscopes
- very high image quality



SinoCAM is a new economical single-chip CCD-camera for endoscopic applications.

High integrated digital signal processing guarantees true colour reproduction. A 1/3" high resolution CCD-chip and a fast acting control electronic ensure a very good image quality, high clarity and sharp detailed reproduction.

The high-sensitive microlens CCD and a highspeed-shutter allow optimal image display under extreme illumination situations.

#### ■ WHITE BALANCE

White Balance is done automatically via push-button.

#### ■ WINDOW FUNCTION

The Window Feature is used to improve the image illumination under difficult conditions. Only a central area of adjustable size is used to evaluate image brightness, outer margins are disregarded.

#### ■ BOOST FUNCTION

BOOST function is used under low illumination conditions to gain the brightness of the image.

#### ■ CAMERA HEAD

The light-weight camera head of the SinoCAM is waterproof and designed ergonomically. All lenses and couplers with C-Mount-Thread can be connected.

## DIGITAL 1-CCD VIDEO CAMERA

### Technical Data

Video system	PAL, NTSC
CCD-sensor	1/3", 752 (H) x 582 (V) 440.000 px.
Shutter speed	max. 1/100.000 sec.
Sensitivity	2 lux, f=1,4
SNR	> 44 db
AGC	max. 18 db
Video output	1 x CVBS / 1 x Y/C
Power supply	110/115 VAC or 230/240 VAC
Dimensions (WxHxD)	176 x 72 x 202 mm
Weight	1,6 kg, camera head: 85g
Class	1
Manufactured and tested acc.	IEC 601-1 / CE EN 60601-1 93/42 ECC

### Accessories

#### TV-Adapter / Rigid endoscopes (with Quick-Lock)

Fixed focus length f: 15mm / f: 21mm / f: 28mm / f: 35mm / f: 40mm

Zoom f: 15 - 25mm / f: 25 - 40mm

Beamsplitter f: 25mm / f: 30mm

#### TV-Adapter / Flexible Fibre endoscopes

Fixed focus length f: 15mm / f: 21mm / f: 28mm  
available for OES / Fuji / Pentax

### Delivery contains

CCU, camera head with 3 meter cable  
Mains cable  
BNC cable  
User manual

