

DIGITAL VIDEO CAMERA 3-CCD

Made in Germany



DIGITAL VIDEO CAMERA

TRistar VII

optional:

- IEEE 1394-DV output
- USB-capture system integrated

high-end video image quality
natural colour reproduction
on-screen-menu
remote camera head
new high-sensitive-CCD with 0,9 lux

TRistar VII

TRistar VII is a 3-CCD video camera of the latest generation with excellent image quality and outstanding colour reproduction for professional requirements. The TRistar VII can be used for every endoscopic application with high demands. It is easy and flexible to use.

Via push-buttons on the camera head it is possible to remote frontpanel functions, video accessories or USB capture system.



The TRistar VII can be adjusted individually via integrated On-Screen-Menu. Settings are stored in an internal memory. High speed, complete digital image processing, separated for red, green and blue colour channels, enables high end image quality.

TRistar VII camera head is very small and light weightedly designed.

A wide range of different TV-Adapters can be attached to the C-Mount thread to choose the best focus length to the procedure.

WHITE BALANCE

White Balance is done automatically via push-button.

WINDOW FUNCTION

Window Function is programmed for different brightness measurement fields in case of difficult illumination conditions. Size can be adjusted via On-Screen-Menu.


ON-SCREEN-MENU

Camera settings (like contrast, brightness, window size) can be made in the On-Screen-Menu. Settings are stored in memory.


STERILISATION

Camera head with cable and connector (using attached cap) can be immersed in a disinfectant solution.

USB-CAPTURE SYSTEM (only -USB version)

 TRistar VII-USB contains a capture system to store images easily on a standard USB-Flash-Stick. The files can be exported in several standard formats to a PC.

IEEE 1394-DV OUTPUT (optional)

 TRistar VII-D is equipped with an IEEE 1394 output. The camera can be connected directly to a PC (with OHCI compatible controller) to store video files or images with standard software.

MODELS

- TRistar VII: Basic version
- TRistar VII-D: + IEEE 1394 output
- TRistar VII-USB + USB-Stick capture system

DIGITAL 3-CCD VIDEO CAMERA

Technical Data

Video system	PAL / NTSC	
CCD sensor	3 x 1/3" with 440.000 pixel	
Video resolution	750 TV-lines	
Shutter control	automatic	
Sensitivity	0,9 lux (f= 1,4)	
Outputs	1 x RGB, 2 x Y/C, 2 x VBS 1 x IEEE 1394 output (only -D version)	
Settings	On-Screen-Menu	
Power supply	100 - 240 VAC	
Dimensions (WxHxD)	CCU	353 x 103 x 253 mm
	Head	30 x 40 x 68 mm
Weight	CCU	4,7 kg
	Head	115 g
Head	C-Mount thread, immersable two push-buttons for remote high flexible cable: 3 meter	
Class / Type	1 / BF	
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: 18mm / f: 21mm / f: 28mm
available for OES / Fuji / Pentax

Delivery contains

CCU, camera head with 3 meter cable

Mains cable

RGB cable, Y/C cable, BNC cable

Remote cable

User manual

IEEE 1394 cable (only -D version)

USB-Flash stick (only -USB version)

