



M-CAM 3300

## DIGITAL VIDEO CAMERA 3-CCD

Made in Germany

# M-CAM 3300 DIGITAL VIDEO CAMERA

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

## M-CAM 3300

**M-CAM 3300** is a 3-CCD video camera of the latest generation with excellent image quality and outstanding colour reproduction for professional requirements. The **M-CAM 3300** 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 **M-CAM 3300** 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.

**M-CAM 3300** 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)



M-CAM 3300-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)



M-CAM 3300-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

- M-CAM 3300** Basic version
- M-CAM 3300-D** + IEEE 1394 output
- M-CAM 3300-USB** + USB-Stick capture system

### 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 (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

### 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)