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RZ
Medizintechnik
GmbH
Progress in Surgery

High Definition CAMERA SYSTEM F1

FULL HD



01.2013

HIGH DEFINITION DIGITAL CAMERA SYSTEM

The new F1 Camera system fulfills the need of high resolution in Video Endoscopic Surgery. Thanks to Full HD resolution combined with newest technology this camera generates crystal-clear images with highest attention to detail that allows better diagnostics and efficient surgery.

- Full HD resolution 1920 x 1080
- High speed shutter
- Multilingual menu
- Remote camera head



FULL HD

300-001-600
HD Camera F1

Delivery contains:

- CCU • Camera head with 3m cable
- Mains cable • Y/C cable • BNC cable • HDMI - DVI cable
- HDMI cable • RGB cable • User manual

Optional Accessories:



300-001-615
Title generator keyboard, waterproof IP68
US-Layout, PS/2 Connector, cable 1.8m
Color: grey, 305x140x15mm, 600gr.



300-001-610
Footswitch for HD Cameras, cable length: 2m

Optional:



HD Camera Head
with push buttons
and 3m cable

- 300-001-813 f=14mm
- 300-001-814 f=25mm
- 300-001-815 f=28mm
- TV Adapter
- C-Mount, soakable



Wide input/output possibilities on the back

TECHNICAL DATA

HD CAMERA F1

Camera head

- Aspect ratio: 16:9
- Image sensor: 1/3"
- Immersible (using the attached cap)
- Weight: 105g (without TV - Adapter)
- Ø 34mm, length: 73mm

System

- Image resolution: Full HD 1920 x 1080
- TV resolution: > 1000 lines
- Sensivity: < 3 lux (1/1.4)
- White balance automatically, with data hold
shutter speed: 1/50 (1/60) to 1/100.000 sec
- Power supply: 100 / 240 V, 50-60 Hz
- Power consumption: 20W
- Fuses: 2 Fine fuses, 5x20 mm, delay acting 3,15 AT (I=1500A)

Video out terminal

- 2x HD SDI (optional)
- 1x HDMI
- 1x Y-Pb-Pr (Component)
- 1x Video (PAL / NTSC)
- 1x S-Video (PAL / NTSC)

Standard

- Protection class: I
- Application part: Type BF
- IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I

Features

- White balance, boost function
- On-screen-menu
- 3 user settings storable
- 2.5x digital zoom
- Freeze function
- Character generator

Dimensions

- Control unit: 380 x 120 x 360 mm (WxHxD); 11 kg

