

Better image quality through new technology

PMW-10MD HD medical camera

SONY



Our new imaging technology gives you exceptional performance in a compact design

Suitable for surgical microscopy and endoscopy, the first Sony HD medical camera features groundbreaking technology for the ultimate image quality. In addition to the enhanced image quality, Sony has added further value with on-board MPEG2 video and JPEG still image recording facilities.



Superior quality, highly compact camera head

- New high-performance, small-size 1/2" Exmor™ full HD 3CMOS imager.
- 1920 x 1080 resolution and 2.2 mega pixels.
- Exclusively designed, compact and lightweight 1/2" C-mount prism assembly.
- Excellent picture quality with low power consumption:
 - F10 sensitivity
 - 54dB S/N ratio
 - 450% dynamic range.

Versatile outputs

- Output video formats:
 - 1080/60i, 50i
 - 1080/60P, 50P
 - NTSC, PAL
- Output signal interfaces:
 - HD-SDI x 2
 - DVI-D x 1
 - Analogue component x 1
 - Analogue composite x 1
 - Y/C x 1

HD video and still recording

- HD video recording and still image capture to SxS memory card.
- MPEG2 long GOP recording:
 - 8G: approx. 35 min. x 2 = 70 min.
 - 16G: approx. 70 min. x 2 = 140 min.
 - 32G: approx. 140 min. x 2 = 280 min.