

Digital Single Chip CCD Camera



10.900.25

Digital single chip camera for endoscopy with very high resolution

- Multilevel enhance function with
- Freeze function with live image (Picture in Picture)
- Optical adapters with anti-moire filters for fiberscopes (optional)
- Programmable camera head buttons
- Fully immersible camera head and
- Easy replacement of camera head cable
- Automatic window adjustment for W/B and exposure
- Very fast electronic shutter speed and response time
- Optional keyboard hook-up
- On-screen patient data input from keyboard
- On-screen menu control from keyboard or front panel
- Five user files with preset parameters
- On-screen time/date clock and stop watch
- RS-232C / S-Video link for computer communication
- Multiple video outputs: composite video, Y/C and RGB
- Network communication with other system devices (optional)
- Manual shutter speed control

Camera Specifications

Image Device	1/3" CCD Sensor Digital Signal Process
Horizontal Resolution	752 CCD CCD Lines
Number of Pixels	470,000 PAL / 410,000 NTSC
Minimum Illumination	Less than 1.5 Lux
White Balance	Auto adjust in less than 1 second
Signal/ Noise Ratio	Greater than 50dB @ AGC off
Video Outputs	2 x BNC / 2 x S-VHS / 1 x RGB
Weight Camera / Head	2.1 kg / 46 g
Dimensions	295 (W) x 75 (H) x 253(D) mm

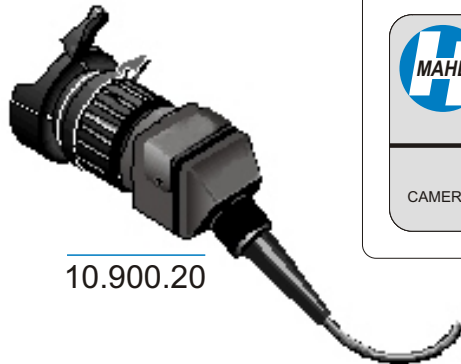
MAHE International, Inc. 468 Craighead Street Nashville, TN 37204 USA

Website: MahelInternational.com

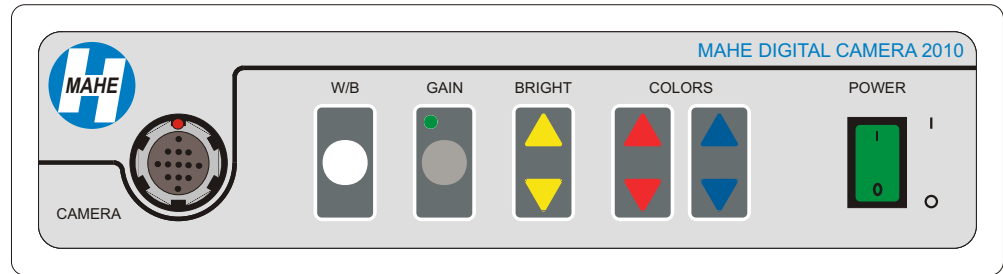
Toll Free (800) 294-7946 Phone (615) 269-7256 Fax (615) 269-4605 Email info@MahelInternational.com



Digital Single Chip CCD Camera 2010



10.900.20



High Resolution Digital Medical Video Camera

- Lightweight compact design and high resolution and sensitivity
- Variety of camera heads for endoscopy and microscopy
- Interfaces to all existing rigid and flexible endoscopes
- Adapters with anti-moiré filters for use with fiberscopes available
- Fully immersible camera head and optical adapters for endoscopy
- User-friendly set-up , operation and on-screen Display
- Automatic white balance and manual color control
- Automatic electronic shutter for optimal exposure
- Multiple outputs: composite video, S-VHS and RGB
- Easy replacement of camera head cable

Camera Specifications

Image Device	1/3" CCD Sensor Digital Signal Process
Horizontal Resolution	470 CCD Lines
Number of Pixels	approx. 410,000 pixels 811(H) x 508 (V)
Minimum Illumination	1,5 Lux
White Balance	Automatic by front panel in less than 3 seconds
Signal/ Noise Ratio	Greater than 46dB @ AGC off
Video Outputs	2 x BNC / 1 2 x S-VHS / 1 x RGB
Weight Camera	1.8 kg
Weight Camera Head	46 g
Dimensions	220 (W) x 60 (H) x 250(D) mm

MAHE International, Inc. 468 Craighead Street Nashville, TN 37204 USA

[Website: MahelInternational.com](http://www.MahelInternational.com)

Toll Free (800) 294-7946 Phone (615) 269-7256 Fax (615) 269-4605 Email info@MahelInternational.com