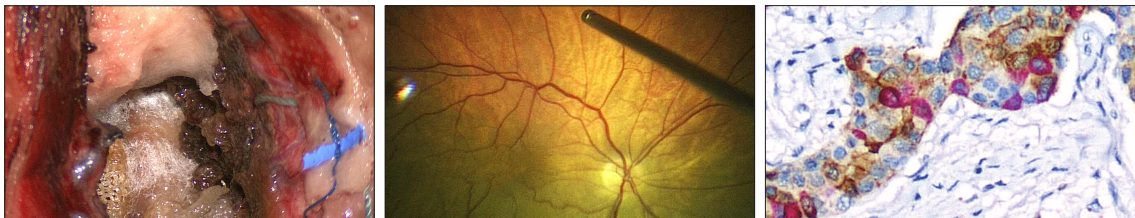




Full High-Definition Cinemicrography

- 1920 x 1080p: Ultimate Progressive Scan HD Resolution
- 60 Frames Per Second: Real-Time Full Resolution Imaging
- 3CCD: True HD Color



Microcast® HD uses state of the art image sensor technology to deliver full high-definition progressive scan image resolution of 1920 x 1080p (2.07 million) pixels at 60 frames per second.

It is a revolutionary camera that produces precise image details, smooth natural motion and deep rich life-like colors in real-time. This camera system creates the Ultimate High-Definition Cinematic Microscope Visualization Experience™ that no other digital microscope camera system can deliver.

Technical Specifications

Microcast HD Camera System:

HD Camera Type:	Full High-Definition Progressive Scan (Non-Interlaced)
Image Sensors:	3CCD (16:9 Format)
HD Resolution:	1920 x 1080p
Frame Rate:	59.94 fps Full-Resolution (50Hz/60Hz)
SNR:	60dB
Optical Mount:	C-Mount
Exposure:	Automatic / Manual
Shutter:	Electronic 1/10000 – 1/60 sec.
Gain:	+2, +4, +8, Max
White Balance:	Automatic / Manual
Scene Files:	(8) User Programmable Specialty Settings (Keypad or Menu Accessible)
Digital Processing:	14bit
Brightness:	Level 1-15, Max
Digital Enhancement:	Off, Low, 1-5, High
Camera Control:	Programmable Keypad, (3) Tactile Head Buttons
Camera Head Cable:	9' or 30', Removable (Specify at Time of Order)
Language Settings:	English, Deutsch, Espanol, Francais, Italiano, Portugese, Russian

System Outputs:

HD Output:	DVI x 2
SDI Output:	BNC x 1
DV Output:	Firewire x 1
RGB Output:	DB15 x 1
S-Video Output:	Y/C x 2

Dimensions/Weights:

Camera Head:	3"(L) x 1.72"(H) x 1.25"(W)
Camera Head:	8.95 oz
CCU Dimensions:	12"(W) x 12.5"(D) x 3.5"(H)
CCU Weight:	7.4 lb (3.35 kg)

Certifications:

This equipment is certified and manufactured in accordance with UL 60601-1 and CSA 22.2 No. 601. CE marked equipment has been tested and found to comply with the EMC limits for Medical Devices for the Medical Device Directive 93/42/EEC (EN 60601-1-2: 1993 Class A).

Warranty:

2 Years

HD Display Requirements:

1920 X 1080 (PC), WUXGA 1920 X 1200



Windows
Vista
Compatible



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