V I D E R A

Endoscopy camera, light source and video capture solution

The Image Diagnostics Videra HD camera system is an all-in-one endoscopy camera, light source and full featured video capture solution paired with autoclavable camera heads.

The Videra portfolio includes the Videra camera systems, wireless control tablets, endoscopes, monitors, and other peripherals.

Camera control unit specifications

Camera Control Unit	Videra CCU 1080p (1920x1080) video
Presents	Easily configure for multiple users and surgical specialties
Outputs	DVI-D x2: 1080p, 59.94/60hz, 3G HD-SDI x2: 1080p, 59.94/60hz
Input:	DVI-D: 720p, 1080i, 1080p, 50/59.94/60hz
Data I/O	USB 2.0: Front: x 1, Rear: x 4, Ethernet: RJ45 x 3
Wireless Connectivity	Capable of 802.11 Wi-Fi
Remote I/O	Remote outputs for still and motion capture, Input for Foot Pedal
Accessory Power	5v outputs x2
Light Source	15,000 hours effective use, Equivalent output to 300W Xenon
Overall Dimensions	170mm H x 300mm W x 350mm D
Still Capture	1080p – BMP, JPEG, PNG
Motion Video Capture	1080p 60fps, AVCHD H.264 Encoding, .mp4, .mov, .avi, Bit Rates: 10, 20, 30, 40, 60Mbit/s
Hard drive Capacity	256GB Solid State (~ 100 hours of motion video)
Dual Channel	Record two video signals simultaneously
Printing	Auto Print to Sony UPDR80MD Medical Grade Printer
Overall Dimensions:	170mm H x 300mm W x 350mm D
Export	Images exported to USB, network location, wireless

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Integrated Camera Head

Sensor	1/3" 3CMOS, 1080p 60fps native video
Coupler	Integrated eyepiece grabber coupler
Buttons	Four programmable camera buttons Ten functions possible
Zoom	2x digital zoom
Sterilization	Autoclave and Sterrad
Cable	10 feet (3.05 meters)

Tablet - Camera and System Control Interface

GUI	Videra
OS	Android
Display	10.1" WXGA (1280x800) PLS TFT
Connectivity	Connect to CCU via USB or 802.11 Wi-Fi
Device Management	Configure CCU presets and system setup Customize User profiles
Image Management	Manage Case information Initiate still or motion capture
Editing	Edit still images or video Send images or video via email, network, or wireless
Size	256.7mm x 175.3mm x 9.7mm (without mount)
Weight	581g (without mount)
Mount	Mount tablet to cart or other fixed location (optional)

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