

MEDI CAPTURE

Medical Imaging Made Easy™



MediCap™ USB300

The MediCap USB300 is the medical industry's easiest, most affordable high-definition recorder. Record up to two weeks of HD video on the internal hard drive or record directly to a convenient USB flash drive. Now you can experience easy, affordable HD video — without all the hassles of DVD disks.



HD Medical Video Recorder

Records high-definition video from your endoscope, arthroscope, surgical camera, ultrasound, etc. Saves to an internal hard drive or external USB flash drive. Can be accessed via any computer on your network.



Intuitive Use

It's so easy, most users never look at the manual. Just plug it in and go. You'll be recording videos within minutes of opening the box.



Medical Grade

With its steel case and fluid resistant front panel, the USB300 is built to withstand the rigors of the OR, and it's so compact it will fit on any cart.

Powerful Features

compatible – versatile – affordable



Internal Hard Drive

Stores over a week of HD video — or use a handy external USB flash drive



Keyboard

Input patient data to organize your photos and videos (optional)



Net Connection

Turn your USB300 into a mapped drive on your network



Foot Pedal

Connect to your scope's trigger or to a foot pedal (optional)



Also Available...



MediCap™ USB200

Similar features to the USB300, but made for surgeons who need only standard definition at an even more affordable price.



MediCap™ USB300 Specs¹

| | |
|---------------------------------------|--|
| Device Type | HD Medical Video Recorder Records high-definition video and still images from medical video sources to internal hard drive or external USB drive |
| Case | Rugged metal case with high-impact plastic faceplate |
| LCD Monitor | 2 1/2", full color (for video confirmation only, not for diagnosis) |
| Buttons | Sealed membrane, fluid resistant |
| Video Input | DVI, HD SDI, S-Video, Composite (HDMI, RGB, YPbPr via adapter) |
| Video Output | DVI (HDMI, RGB, YPbPr, VGA via adapter) |
| Video Formats | H.264 / MPEG4 (1080, 720, NTSC, PAL) |
| Image Formats | JPG, H.264, BMP, DICOM |
| Audio In/Out | 3.5mm stereo phone jacks |
| Mic/Headset² | 3.5mm stereo phone jacks |
| Networking | RJ45 10/100/1000 Ethernet |
| Internal Storage³ | Internal hard drive stores 170+ hours of HD video |
| External Media | USB flash drives or USB hard drive |
| USB Support | USB2.0, high speed, 1 front connector, 2 rear connectors (all powered) |
| Footswitch/Trigger² | Standard 3.5mm mini jacks (one for photos, one for videos) |
| Mechanical | Size: 240 x 211 x 63mm / 9.5 x 8.3 x 2.5" Weight: 1.7kg / 3lb 12oz (appx.) |
| Environmental | Storage: -40° to +85° C Operating: -20° to +40° C |
| Power | AC 100-240V 50/60Hz 3-prong AC jack |
| Certifications | UL Medical, CE 60601-1-2, FCC, FDA Class 1, RoHS ⁴ |
| Kit Contents | MediCap USB300, USB flash drive, video and power cables, user guide |

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¹ Subject to change. ² Microphone, headset, footswitch not included.

³ Recordings on internal hard drive should be backed up via a network. For this reason, internal hard drive is only enabled on systems connected to a network. On non-networked systems, recording is available to USB hard drive or flash drive.

⁴ Certifications pending.



MediCap™ Medical Video Recorders – Model Comparison

The MediCap line of medical video recorders allows you to easily record video and still images. Depending on the model, you can record in high definition (USB300) or standard definition (USB200/170). You can record from virtually any medical video device including endoscopes, arthroscopes, surgical cameras, ultrasounds, etc. You can also record to a variety of media: USB flash drive, USB hard drive, or internal hard drive (USB300).



MediCap USB300
Records Video and Still Images
in High Definition



MediCap USB200
Records Video and Still Images
in Standard Definition



MediCap USB170
Records Still Images
in Standard Definition

| Features & Benefits | USB300 | USB200 | USB170 |
|--|--------|--------|--------|
| Records... | | | |
| High Definition Video | ✓ | | |
| High Definition Images | ✓ | | |
| Standard Definition Video | ✓ | ✓ | |
| Standard Definition Images | ✓ | ✓ | ✓ |
| Records To... | | | |
| Internal hard drive ¹ | ✓ | | |
| USB hard drive & flash drive | ✓ | ✓ | ✓ |
| Friendly & Powerful | | | |
| Easy to connect and use | ✓ | ✓ | ✓ |
| Affordable pricing | ✓ | ✓ | ✓ |
| Compact, rugged case | ✓ | ✓ | ✓ |
| Built-in 2.5" monitor | ✓ | ✓ | ✓ |
| Hands-free capture ² | ✓ | ✓ | ✓ |
| Patient information ³ | ✓ | ✓ | ✓ |
| Network connection ⁴ | ✓ | ✓ | ✓ |
| Video Connections | | | |
| DVI, HD SDI, RGB, Composite VGA ⁵ | ✓ | | |
| S-Video | ✓ | ✓ | ✓ |
| BNC | ✓ | ✓ | ✓ |
| High Definition Video | | | |
| MPEG4/H.264, 1080p/i, 720p | ✓ | | |
| Standard Definition Video | | | |
| DVD-quality ⁶ | ✓ | ✓ | |
| Still Image Formats | | | |
| BMP | ✓ | | |
| JPG | ✓ | ✓ | ✓ |
| TIFF, PNG | | ✓ | ✓ |
| Image Resolutions⁷ | | | |
| Up to 1920 x 1080 pixels | ✓ | | |
| Up to 1024 x 768 pixels | | ✓ | ✓ |

¹ Internal hard drive requires a network connection to access and archive images and videos.

² Hands free capture via standard 3.5mm mini-jack. Works with any 'closed contact' switch, e.g., endoscope trigger or optional foot pedal.

³ Patient information entered via USB keyboard (not supplied). Works with any standard USB keyboard.

⁴ USB300 networking via standard T10/100/1000 ethernet connector. USB200/170 networking via optional T10/100 USB-to-ethernet adapter.

⁵ RGB and VGA connections are supported via optional DVI adapters.

⁶ USB300 records in H.264/MPEG4. USB200 in MPEG2. ⁷ Max recorded resolution depends on max video input resolution. GEN-MC02-E-100307-MC