

MediCap™ USB170

Medical Still Image Recorder

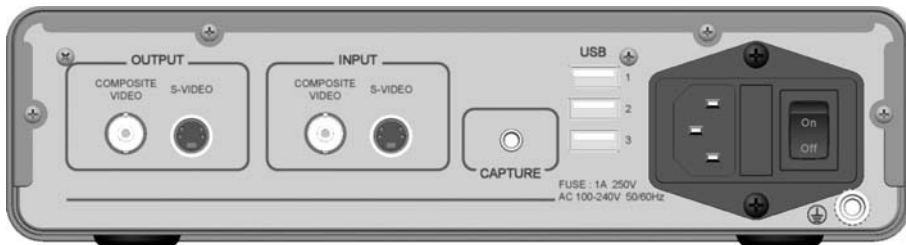


Record images the fast and easy way

The MediCap USB170 is the easy way to capture still images of your medical procedures. Images are recorded directly to a USB flash drive or optional hard drive. When you finish recording, just plug the drive into any computer – then you can view, archive, edit, share, etc. It's so simple to use, you'll be saving images just minutes after unpacking your USB170. Now it's easy to get started with digital imaging, and at price that's remarkably affordable.

Versatile and affordable...

- ▶ Works with endoscopes, arthroscopes, ultrasounds, or any video source with standard outputs
- ▶ Store thousands of images on the included USB flash drive or optional USB hard drive
- ▶ High-quality images in JPG, TIF, PNG, or DICOM
- ▶ Collect patient information using any USB keyboard
- ▶ Record via button, footswitch, or trigger
- ▶ Network connection option
- ▶ Compact, rugged design fits easily on any cart
- ▶ No training required – a snap to connect and use



MediCap™ USB170 Specifications

Device Type	Medical Still Image Recorder Records digital still images from analog video sources to USB flash drive or optional USB hard drive
Case	Rugged metal case with high-impact plastic faceplate
LCD Monitor	2 1/2", full color (for navigation only, not for diagnosis)
Buttons	Sealed membrane, fluid resistant
Video In/Out	PAL or NTSC (menu selectable) S-video or composite BNC connections
USB Support	USB2.0, high speed, 1 front connector, 3 rear connectors (all powered)
Networking	Ethernet T10/100 connection via Network Upgrade Kit (optional)
Footswitch	Hands-free capture Standard 3.5mm mini jack
Mechanical	Size: 240 x 200 x 63mm / 9.5 x 7.9 x 2.5" Weight: 1.5kg / 3lb 3oz (appx.)
Environmental	Storage: -40° to +85° C Operating: -20° to +40° C
Power	Power 110/220V 3-prong AC jack
Media	USB flash drives or external USB hard drive
Image Formats	JPEG, TIFF, PNG, DICOM
Image Size	1024 x 768, 800 x 600, 640 x 480 pixels
Certifications	UL Medical, CE, FCC, FDA Class 1, RoHS
Kit Contents	MediCap USB200 USB flash drive Video cables Power cable User guide

Also Available...



MediCap USB200

All the features of the USB170, *plus* video recording. Holds two hours of video clips on the included flash drive or hundreds of hours on an optional hard drive.



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