

# Ambu® aBox™ 2

## DATASHEET

Ambu® aBox™ 2 is a displaying and processing unit with a built-in touchscreen. It offers plug-and-play connectivity for GI endoscopy. The compact and flexible design comprises a processor, a recorder and an intuitive user interface.

The advanced image processing with adaptive light control ensures continuous optimization of the image quality allowing you to see the details of interest.

You'll see a live endoscopic image within seconds when connecting an endoscope to aBox 2. The intuitive user interface is right there on the screen next to the endoscopic image, making it easy to maintain focus and control.



## KEY BENEFITS

- Full HD resolution LCD monitor
- Adjustable touchscreen with a simple user interface
- Continuous image optimization
- Supports DICOM modality worklist
- Compact and flexible design
- Built-in recorder
- Easy to document imaging data
- Export functions to a USB drive and PACS via DICOM

# Ambu

## TECHNICAL SPECIFICATIONS

### Display

Resolution	1920 x 1080 pixels
Orientation	Landscape
Display type	12.8" colour TFT LCD; capacitive touchscreen
Startup time	Live image available within 8 seconds

### Connections

USB connections	Front: 1x USB 3.0; Back: 3x USB 3.0 and 2x USB 2.0 (all type A)
Video output	DVI-D (1920 x 1080p, 60 fps) and 3G-SDI (1920 x 1080p, 60 fps)
Wi-Fi	Supports IEEE Standards 802.11ac/a/b/g/n
LAN	Ethernet RJ45 connector, 10/100/1000 Mbps
Trigger output	2 x D-SUB9 and 2 x 3.5 mm Jack
Connection to potential equalization cable	DIN 42801 standard

### Memory

Storage Capacity	128 GB
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### Electrical power

Power requirement	100-240VAC ; 2A
Protection against electrical shock	Class I

### Operating environment

Operating temperature	10 - 40°C (50 - 104°F)
Operating relative humidity	30 - 85%
Operating atmospheric pressure	80-106kPa
Operating altitude	≤ 2000 m

### Storage environment

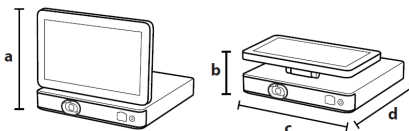
Storage temperature	0 - 40°C (32 - 104°F)
Storage relative humidity	10 - 85%
Storage atmospheric pressure	50-106kPa

### IP Protection Classification

IP Protection Classification	IP31 - Protection against solid particles (3: <2.5 mm) and liquid ingress (1: dripping water)
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### Dimensions

Height - screen in 90° angle (a)	278 mm (10.9")
Height - screen folded flat (b)	121 mm (4.76")
Width (c)	330 mm (13.0")
Depth (d)	337 mm (13.3")
Weight	8 kg (17.6 lbs)



### Power cables

Power cables - 6 interchangeable types	USA & Japan: Type B, Model NEMA, 5 AC grounded power plug
	Australian: Type I, AS3112, AC grounded power plug
	UK: Type G, BS1363, AC grounded power plug
	European: Type E/F, CEE 7, AC grounded power plug
	Danish: Type K, 2-5a, AC grounded power plug
	Swiss: Type J, AC grounded power plug
Length EU/UK/CH	1830mm (72") including connector
Length US/AUS/DK	1800mm (71") including connector

## ORDERING SPECIFICATIONS

Description	Reference number
aBox 2	505001000



# Ambu

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