

# Ambu® aBox™ 2

## DATASHEET

**Ambu® aBox™ 2 is an intuitive all-in-one displaying and processing unit supporting your use of Ambu endoscopes.**

**You'll see a live endoscopic image within seconds when connecting an endoscope to aBox 2.**

**The intuitive user interface makes it easy to maintain focus and the adaptive light control and continuous image optimization allows you to see the details of interest.**

aBox 2 has a built-in touchscreen providing you with a keyboard, access to image settings and showing the endoscopic image right there on the screen.

Videos and pictures can be exported via USB or directly to PACS via LAN or Wi-Fi.

With the option of importing a worklist the connection between patient and imagery is ensured when exporting the data.

aBox 2 can be used stand-alone or connected to available recorders and external screens.



## 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

Options to connect to external monitors and recorders

Built-in recorder

Easy to document imaging data

Export functions to a USB drive and PACS via DICOM

TECHNICAL SPECIFICATIONS

Display

Resolution	1920 x 1080 pixels
Orientation	Landscape
Display type	12.8" colour TFT LCD; capacitive touchscreen

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 - 240 VAC ; 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 - 106 kPa
Operating altitude	≤ 2000 m

Storage environment

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

IP Protection Classification

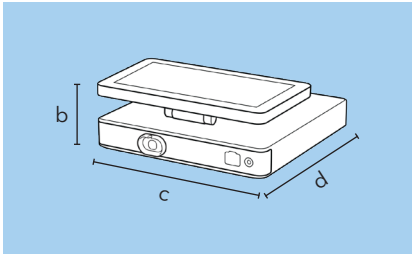
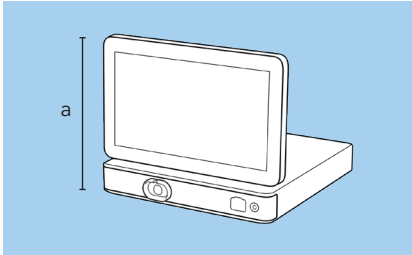
IP Protection Classification	IP31 - Protection against solid particles (3: < 2.5 mm) and liquid ingress (1: dripping water)
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Dimensions

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



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