

Ambu® aBox™ 2

DATASHEET

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

You'll see a live endoscopic image within seconds when connecting our next generation of endoscopes to aBox 2.

Special features of the user interface are adaptive light control and continuous image optimisation which help enhance details in the area of interest.

aBox 2 has a built-in touchscreen providing you with a keyboard, access to image settings and showing the endoscopic image 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 optimisation

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

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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 equalisation 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
Operating relative humidity	30 - 85 %
Operating atmospheric pressure	80 - 106 kPa
Operating altitude	≤ 2000 m

Storage environment

Storage temperature	0 - 40 °C
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

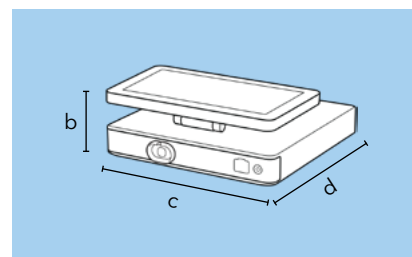
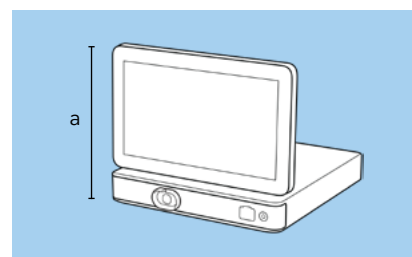
Height - screen in 90° angle (a)	278 mm (10.9")
Height - screen folded flat (b)	121 mm (4.76")
Width (c)	330 mm (13.0")
Depth (d)	337 mm (13.3")
Weight	8 kg (17.6 lbs)

Power cables

Power cables	Australian: Type I, AS3112, AC grounded power plug
Length AUS	1800mm (71") including connector

ORDERING SPECIFICATIONS

Product code	Description	Quantity/box
505001000AUS2	aBox 2	1



Ambu

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 Always read the Instructions for Use.
 These products are only available for sale to healthcare professionals.