

MY USG

Quick User Guide



IMPORTANT !

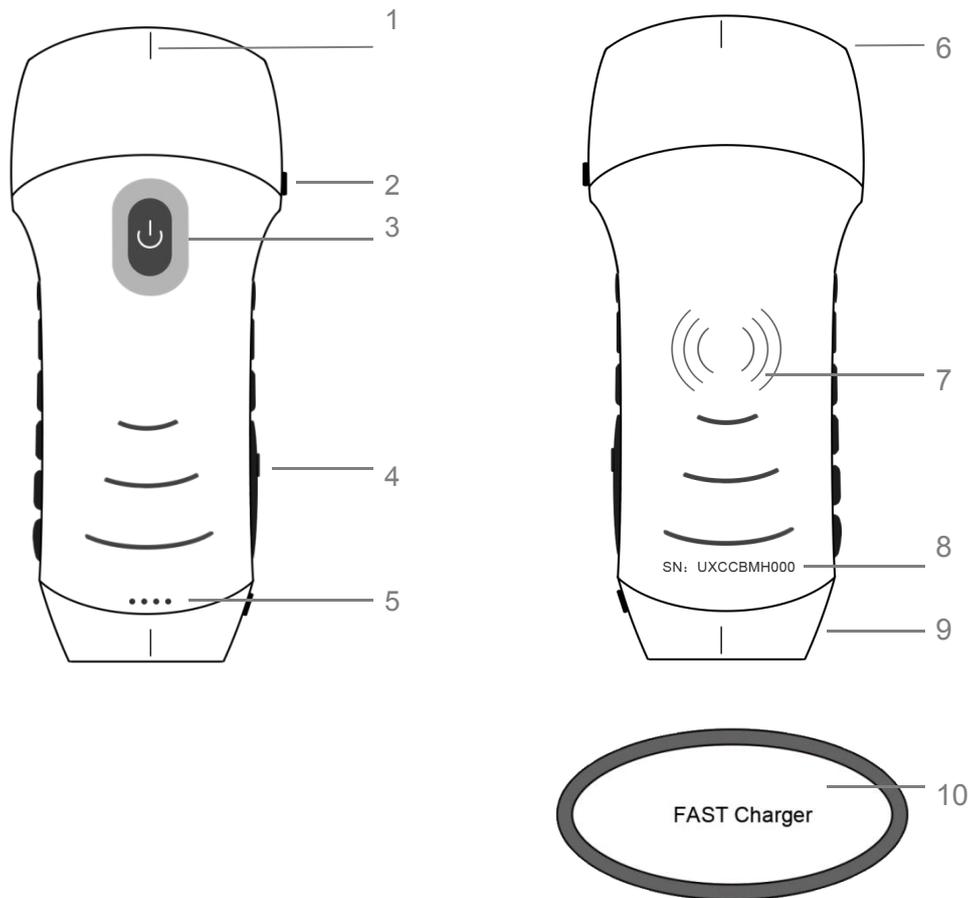
Read and understand this manual before operating the equipment. After reading, keep this manual in an easily accessible place.

Ver: Myusg-V1.0

Operation taboo:

⚠ Danger ※ Do not modify this equipment, including equipment components, software, cables and so on. User modifications may result in security problems or reduced system performance. All modifications must be completed by the personnel approved by KONTED.

Probe Components



1. Mid-line Mark
2. Orientation Mark
3. Power switch / freeze / Living button
4. Type-C port
5. Battery Indicator Lights

6. A probe
7. Wireless charging symbol
8. Serial number
9. B probe
10. Wireless charging pad

1 Download MY USG App

Search and install “MY USG”
on your smartphones/tablets/laptops.
Please contact us to get the windows software



Note:
iOS version 11.0 or newer
Android version 8.0 or
newer
Windows10 Laptop,5G,
64-bit or newer

2 Turn on/off USG probe

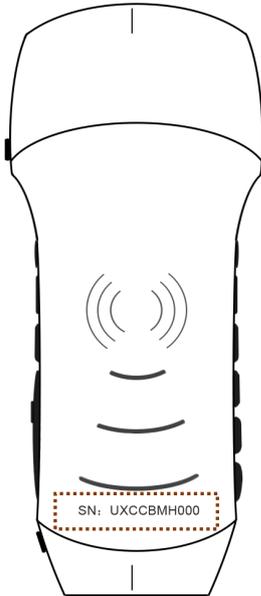
Press the power button  to turn on the probe,
the indicator will show the battery icon.
and hold for 5 seconds to turn off the probe

Note:
Press the power button 
and hold for 3 seconds to
switch the scanning probe

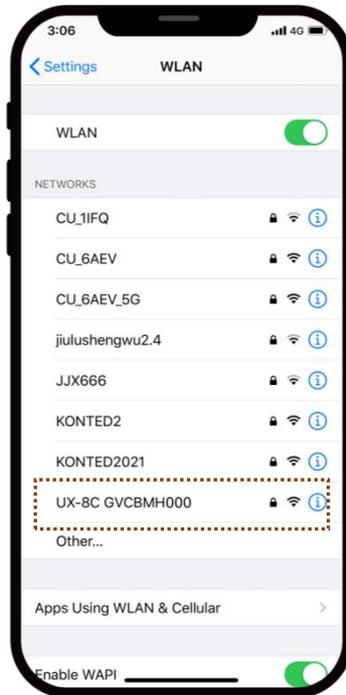
3 Connect USG probe

Method 1: Wi-Fi connection

Find **SN** of your USG probe
Such as SN: **UXCCBMH000**



Choose **SSID** "******BMH000**"



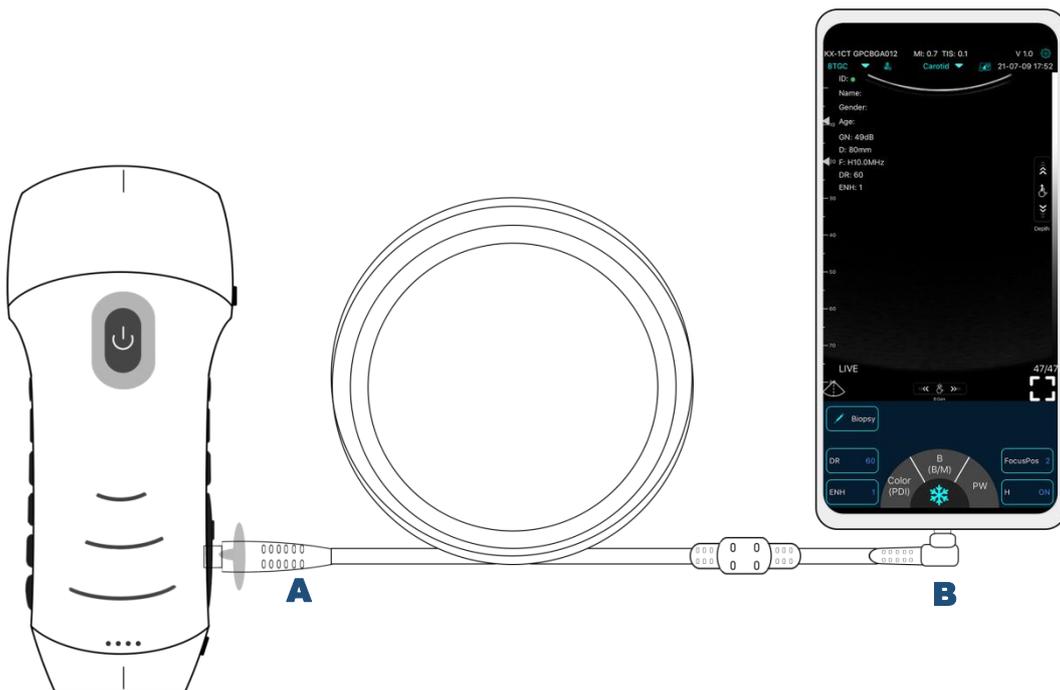
Enter password: **uxccbmh000**



Note:
password is the SN of the probe, but it is the small letter not capital.

Method 2: USB connection

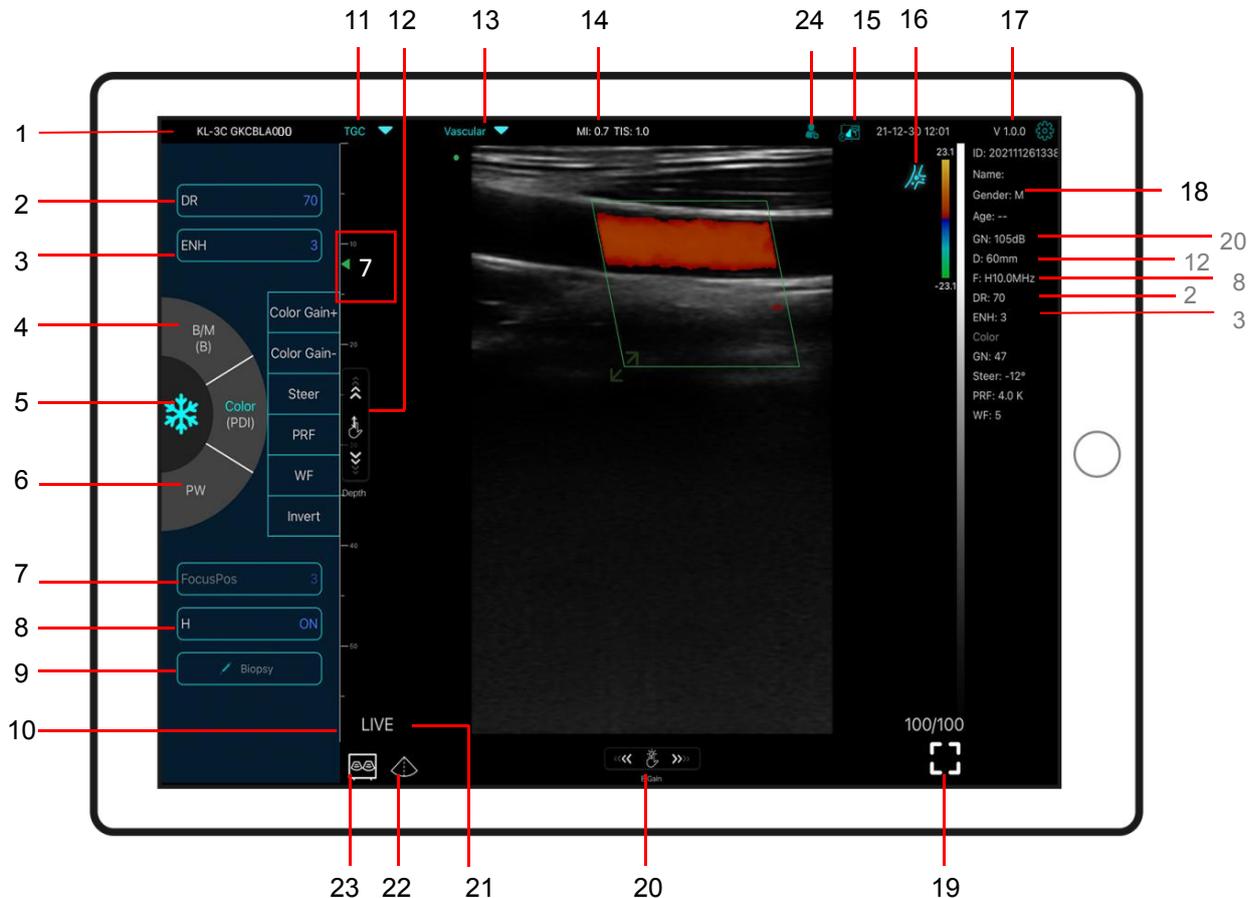
Connect the probe to your smart device by **Type-C** cable according to the picture below.



Note:
The A-end must be fully inserted into the probe and the B-end must be fully inserted into the smart device.

4 Scan now

Live

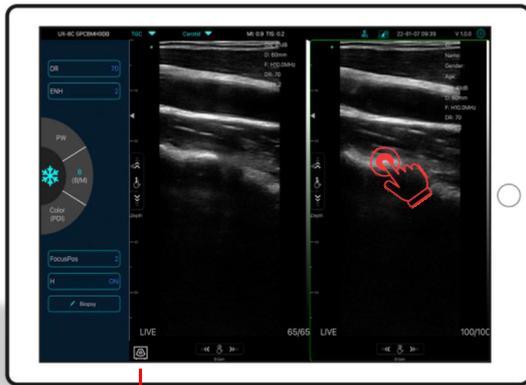


No	Item Description
1	Serial number of probe
2	Dynamic Range (DR)
3	Imaging Enhance (ENH)
4	Mode: B↔B/M, Color↔PDI Dual click to switch scanning mode
5	Freeze/Live button
6	Mode:PW
7	Focus Position
8	H: change scanning frequency(F)
9	Biopsy Needle Guide line To invert the image horizontally or vertically. U/D flip, R/L flip
10	Depth Scale display
11	8 TGC: adjust gains of different depth
12	Depth: adjust depth by swiping the button (D)
13	Preset selection
14	The Thermal Index (TI), Mechanical Index (MI), and Hz values
15	DICOM Procedures, uploading images to PACS
16	Body Mark
17	APP version number
18	Show patient information
19	Full screen
20	B Gain (GN)
21	Live/freeze display
22	Mid-line
23	Dual screen display mode (only available for Apple ipad and android pad device)
24	New patient & new report

23 Dual screen display mode

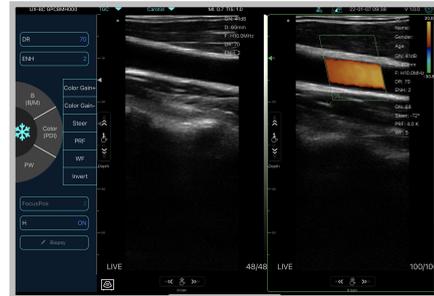
Click   button to switch the dual screen / single screen mode

Click the left/right screens to switch freely, and you can switch B/BM/Color/PW mode at the same time



23

B+B mode



B+Color mode

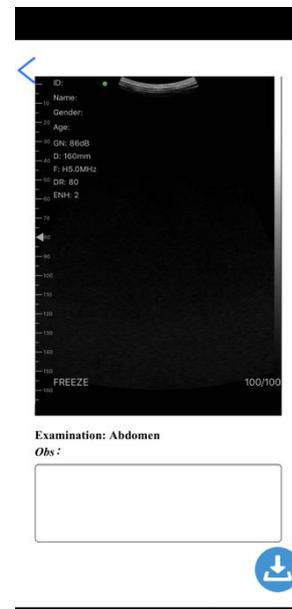
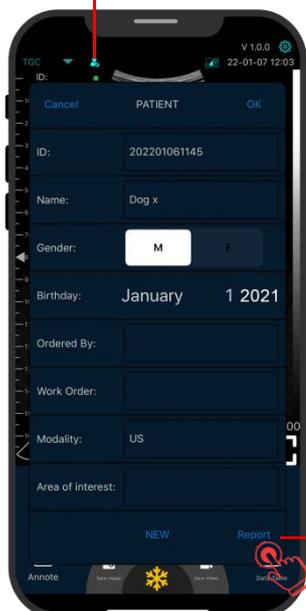


Color+PW mode

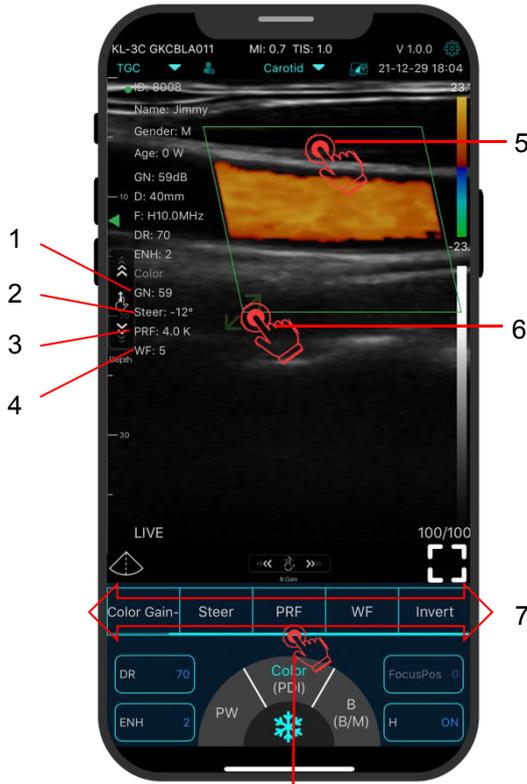
24 New patient & new report

- Enter new patient info, click **OK**
- Scan now, then Freeze image
- Edit the report, click  to save the report to Data Table 

24



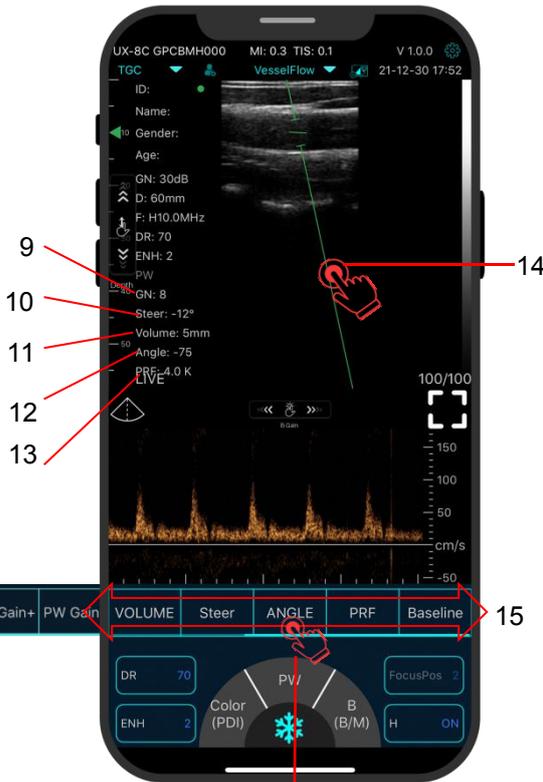
Color/PDI Mode



- 1 GN Color Gain ±
- 2 Steer Click Steer Adjust the deflection angle of color ROI
- 3 PRF Click PRF Adjust color pulse repetition frequency
- 4 WF Click WF Adjusting the filtering frequency of a pulse wave or continuous wave Doppler low frequency signal
- 5 Tap and drag the green box to move the Color ROI
- 6 Use the arrows provided to adjust the angle and size
- 7 Invert Color Red↔Blue invert
- 8 Slide the Color/PDI menu bar

B
+ First select Color mode
Color Then switch to PW mode
+ (only available for convex probe of dual head serial USG probe)
PW
Mode

PW Mode



- 9 GN PW Gain ±
- 10 Steer Click Steer Adjust the deflection angle of sampling line of linear array probe
- 11 Volume Change the size of the sampling volume
- 12 Angle Used to change the spectrum sampling line angle
- 13 PRF Adjust color pulse repetition frequency
- 14 Tap and drag the green line
- 15 Baseline Move the velocity scale
- 16 Slide the PW menu bar

Automatic blood flow measurement
 Step1: select vessel flow preset
 Step2: enter PW mode, produce a uniform spectrum
 Step3: click Flow mode ON
 Step4: Freeze the PW image then will show the result automatically (only available for linear probe of dual head serial USG probe)



Freeze

- 1  add annotations on any frozen image
- 2  Save image, review the image in Date Table
- 3  Measurements
- 4  Save video, review the video in Date Table
- 5  Date Table
- 6  Auto cine review
- 7  Manual cine review

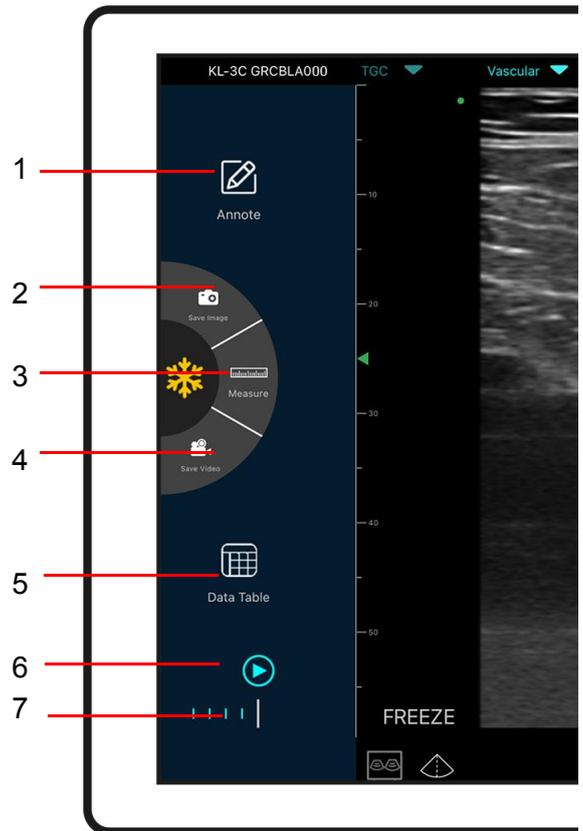
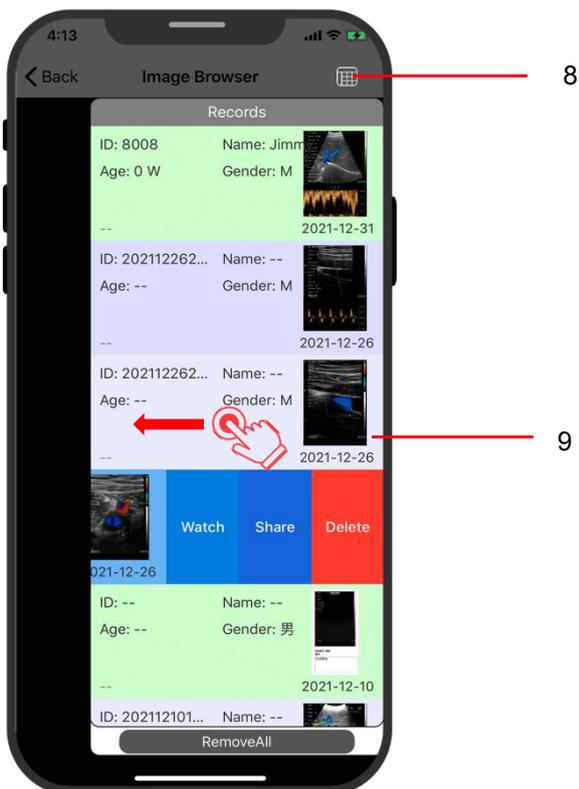


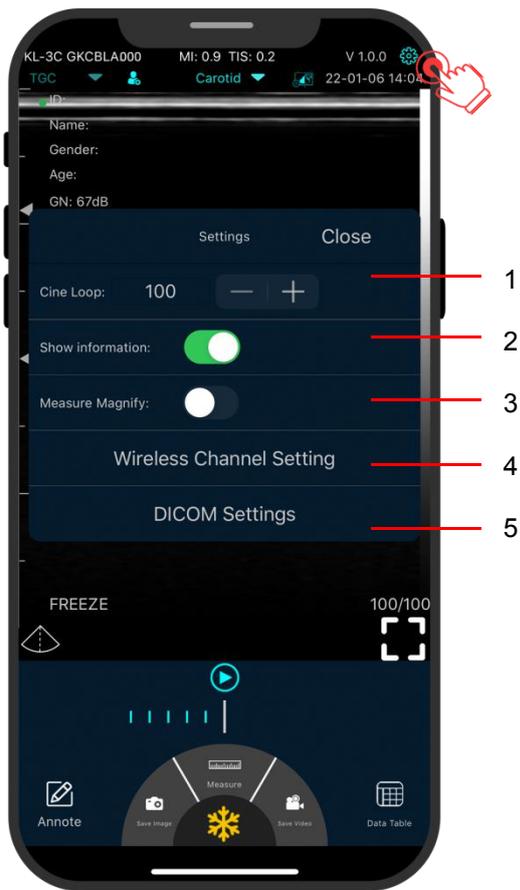
Image Browser

Review image/video/report



- ① Click **5 Date Table**
 - ② Click **8**  check record
 - ③ Please swipe to the left to browse the images/videos and report.
- Watch
- Share
- Delete
- Sharing scanned files by other app
- Printing image/report
- Delete local files
- The data table can store 500 files

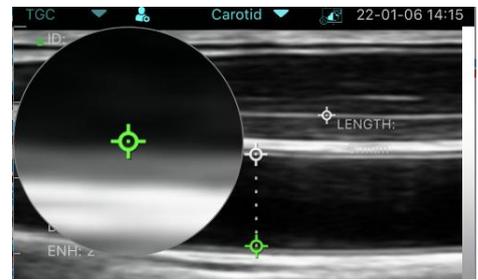
5 Settings



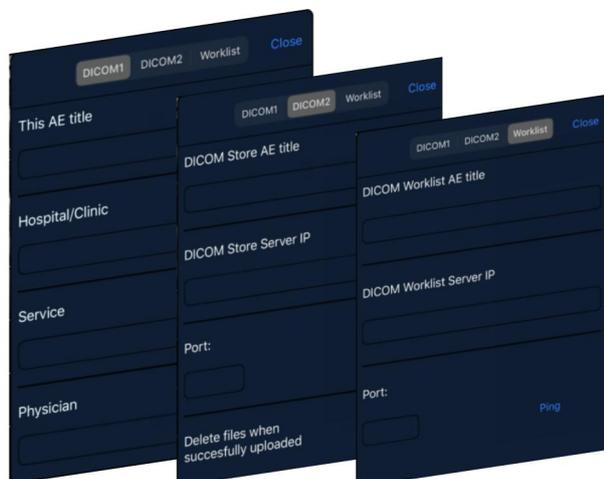
1.Cine loop Adjust cine loop frame number
100-200-500-1000
(100=10s)

2.Show information Hide the patient information and parameter information on the screen

3.Measure Magnify Measuring magnify function can help you measure the boundary of smaller target.



4.WiFi channel setting When scanning image transmission is delayed or stuck, Please contact us firstly then switch one channel, press "select", restart the USG probe and reconnect the WiFi with your phone.



5.DICOM setting
a.Connect mobile phone with Workplace WiFi
b. Fill in the DICOM1-DICOM2-Worklist information and tap Ping buttons to test run the set ups.
c. If success messages appear, then the DICOM/PACS connections are completed.

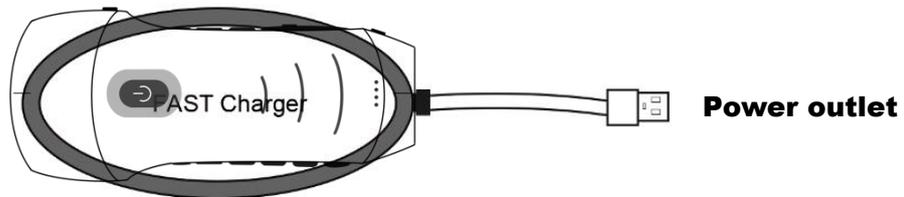
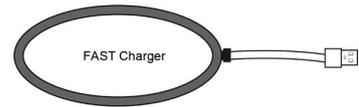
6 Charging

Charging by USB cable

Charging by wireless charging pad:

The probe supports wireless charging.

1. Disconnect the probe from your mobile device.
2. Connect the Micro USB cable to the wireless charging pad.
3. Connect the USB end of the cable to the wall adapter.
4. Plug the wall adapter into a power outlet.
5. Place the probe onto the white wireless charging pad.



Copyright Ownership and Usage Limitation

- All copyrights and intellectual property rights of the contents created are owned by KONTED.
- No individual or organization may copy, modify or translate any part of this manual without the written consent of KONTED.



BEIJING KONTED MEDICAL TECHNOLOGY CO.,LTD

Email: info@konted.cn Web: www.konted.cn

KONTED