

VINNO Q+ Series Quick Guide

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Rev.1

CE 0344

1. Boot up

Connect the probe to the terminal, click the app icon  on the desktop and start Q+. Note that the straight end of the connecting cable connects to the probe and the bent end connects to the terminal.



2. Start

2.1 New Patient

Touch the patient icon  on the top-left to enter the patient information window, tap  to create a new patient. Enter patient information, save and exit. The menus on this screen  From left to right, it represents patient list, image report, patient information editing, sharing, and new patient, as shown in Figure 1 below.

2.2 Touch the probe  icon on the upper left to select relevant probe and your scanning zones.

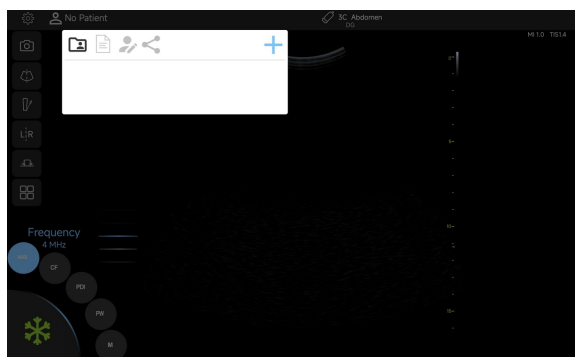


figure 1

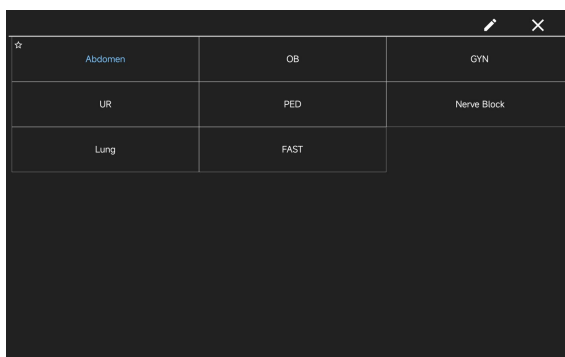


figure 2

3. Scanning

2D mode

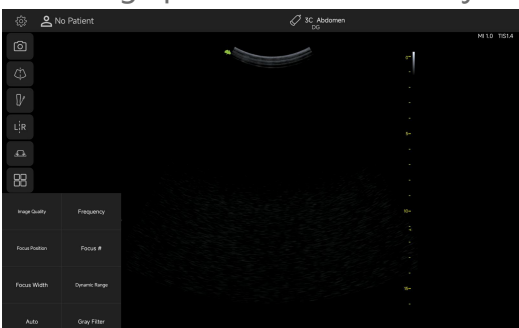
1. The user selects the desired sweep application and the system enters 2D mode.
2. Slide the screen up and down on the left side of the imaging area to adjust the corresponding mode image gain.



3. Slide the screen up and down on the right side of the imaging area to adjust the imaging depth.



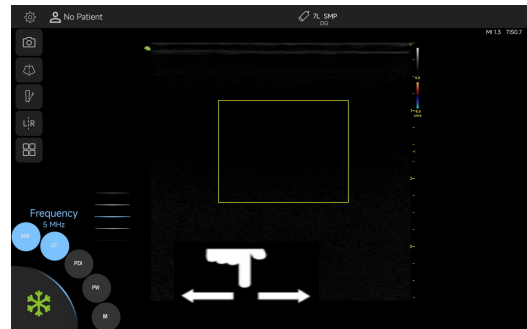
4. Click on the top left side of the touch screen  button to enter the list of image parameters that The image parameters can be adjusted.



CF mode

1. Press the CF key on the touch screen to enter CF mode.

2. Slide the screen up and down on the left side of the imaging area to adjust the gain of CF.
3. Slide the screen up and down on the right side of the imaging area to adjust the imaging PRF of CF.
4. One finger can drag the CF image frame to any position within the CF ROI frame, and two fingers can slide the CF ROI frame together or apart to adjust the size of the ROI frame.
5. Under the 7L probe, tap the visible Steer adjustment bar in the ROI frame of the CF, and swipe left or right to adjust the angle deflection of the ROI frame.



6. Click the CF mode button on the left side of the touch screen to launch this mode.

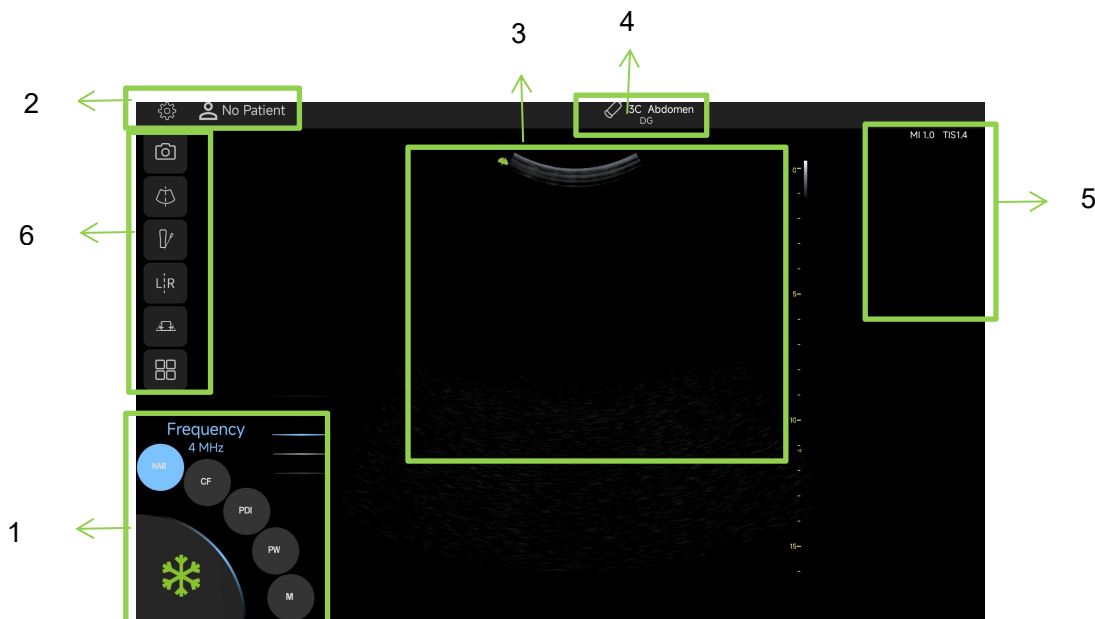
PW Mode

1. Press PW on the touch screen to enter PW mode.
2. Slide the screen up and down on the left side of the imaging area to adjust the PW gain.
3. Place one finger on the PW sampling line and slide up and down to drag the PW sampling gate to any position;
4. Click the PW mode button on the left side of the touch screen to launch this mode.

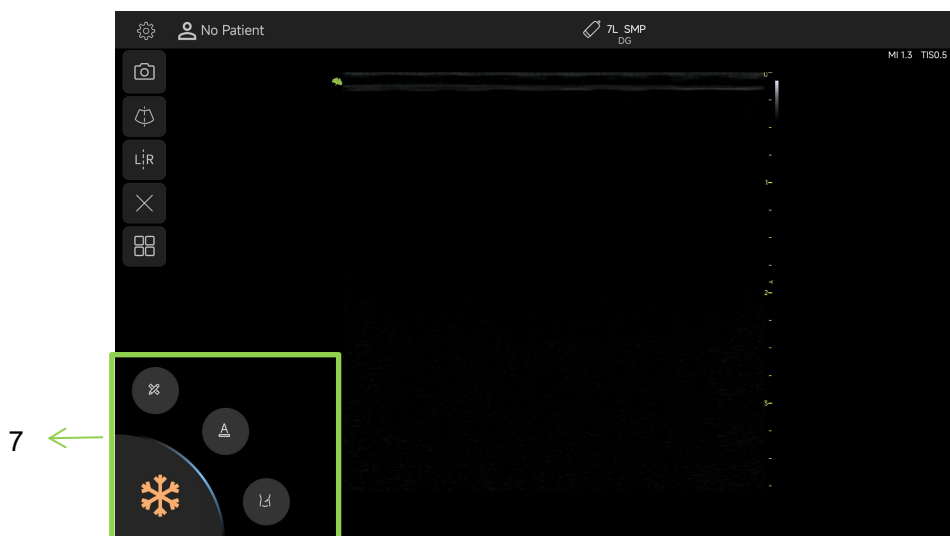
4. User

Freeze and Unfreeze

1. Mode Display Area: Used to switch the image imaging mode.
2. System Settings and Patient Data Management Area: Adjusts system settings and performs patient data management.
3. Image display area: Image display area where gain and depth can be adjusted directly on the image.
4. Probe and Application: Performs probe switching and application switching.
5. Image parameter display area: displays basic image parameter information.
6. Quick function areas: image storage, mirror flip, center line, Tview, puncture line, and parameter adjustment, in that order.
7. Functional areas during freezing: from top to bottom, Measurement, Annotation, Body Labeling, Freeze.



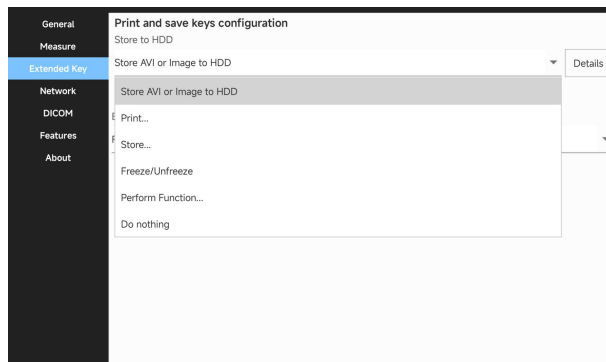
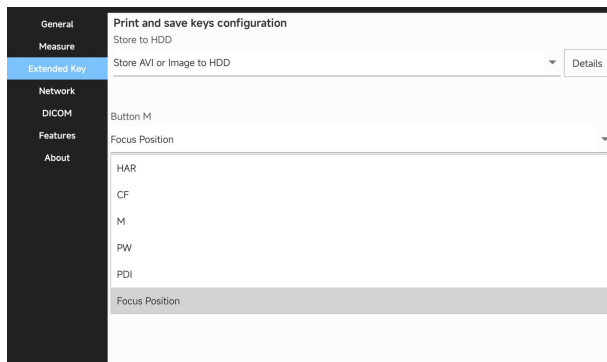
Each display area of the frozen state is shown in the following figure



5. Image Management

Store images or movies

1. Touch freeze  button, then touch  button, Store the image on the local hard disk; in the unfrozen state, touch  button. A time-lapse movie will be stored to the local hard disk, maximum support for storing 1200s video data.
2. Users can customize the settings of  button, as shown in the figure below



The system supports storing data to local hard disk and uploading to cloud server.

Image transmission

1. Touch  button, choose , accessing the image management system, selecting patient information, choose  Patient data can be shared or stored via Bluetooth to DICOM servers, cloud servers, and file servers as shown in Figure 3 below; the path for storing and transferring data is shown in Figure 4 below.



Figure 3

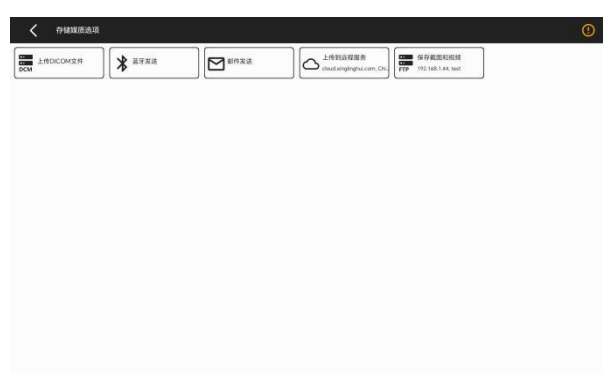


Figure 4

6. QR code for download

