















# Specifications

## Wireless probe (color Doppler type)

1	Configuration	<p>Wireless probe *1, wireless charger *1 set</p> <p>Dual head type (<b>3 in 1, combined with convex+linear+phased array</b>)</p> 
2	Hardware requirements	<p><b>iOS version</b></p> <p>Processor main frequency: <math>\geq 1.8\text{GHz}</math>  Memory: <math>\geq 2\text{GB}</math>  Display screen: <math>\geq 9.7</math> inches  Screen resolution: <math>\geq 2048 \times 1536</math>  Brightness: with ambient light detection function, display brightness correction function  Operating system: iOS12.3 or above  The network protocol needs to be compatible with the 802.11n protocol</p> <p><b>Android version</b></p> <p>Processor main frequency: <math>\geq 2.2\text{GHz}</math>  processor model: <math>\geq</math>Qualcomm Snapdragon 660AIE  Memory: <math>\geq 4\text{GB}</math>  Display screen: <math>\geq 8</math> inches  Screen resolution: <math>\geq 1920 \times 1200</math>  Brightness: with ambient light detection function, display brightness correction function  Operating system: Android8.1.0 or above  The network protocol needs to be compatible with the 802.11n protocol</p>
3	Advantages	<p>Easy to operate and carry, can be used in various clinical scenarios.</p> <p>WiFi connection, get rid of the shackles of wires.</p> <p>15 meters distance, no signal attenuation.</p> <p>Wireless charging.</p>
4	Scope of application	<p>Applicable to all levels of hospitals, clinics, disease control centers, clinical testing centers, health care centers, first aid stations, nursing stations and other medical and health institutions, ambulances, nursing homes, confinement centers, plastic surgery institutions, etc.</p> <p>It is suitable for human clinical ultrasound examination, including ultrasound examination of abdomen, cardiac, superficial organs, peripheral blood vessels and other needs.</p>

		 Abdomen  Renal  GYN  OB Mid Late  Bladder Meas  FAST  Cardiac  Peripheral vessels  Thyroid  Breast  Superficial  Musculoskeletal  Carotid
<b>5</b>	<b>Features:</b>	
5.1	<b>Scanning mode</b>	Convex/linear
5.2	<b>Display mode</b>	B, B/M, CFM, PDI, PW
5.3	<b>Examination preset</b>	Convex probe: abdomen, gynecology, obstetrics, heart, urinary system, kidney, lung Line probe: Thyroid, Small Parts, Pediatric, Vascular, Carotid, Breast, Musculoskeletal, Nervous Phased array: cardiac
5.4	<b>Measurement package</b>	<b>General measurements:</b> length, area/perimeter, trajectory, depth, angle <b>Obstetrical measurement:</b> CRL, BPD, GS, FL, HC, AC, FW(BPD), FW (FL) <b>B/M measurement:</b> heart rate (2), duration, distance, LVID measurement <b>PW Measurements:</b> Speed, S/D, Heart Rate (2), Depth
5.5	<b>Cine loop</b>	100/200/500/1000
5.6	<b>B mode features:</b>	
5.6.1	<b>Gain (GN)</b>	G30~G105
5.6.2	<b>Depth (D)</b>	Convex: 90mm-305mm Linear: 20mm-100mm Phased array: 80-155mm
5.6.3	<b>SRI</b>	0-4
5.6.4	<b>Focus</b>	2 focus points, 4 groups of positions;
5.6.5	<b>Biopsy guide</b>	In-plane guide line and out-of-plane guideline
5.6.6	<b>Frequency</b>	Convex: 3.2MHz, 5.0MHz Linear: 7.5MHz, 10.0MHz Phased array: 2.5MHz, 5.0MHz
5.7	<b>CFM mode features:</b>	
5.7.1	<b>Color Gain</b>	0-100
5.7.2	<b>PRF</b>	<b>Pulse repetition frequency</b> Convex: 1.25K, 1.6K, 2.5K, 3.2K Linear: 1.25K, 2.0K, 3.2K, 4.0K

		Phased array: 2.5K-5K
5.7.3	Wall filtering	0-15
5.7.4	Color converter	color coding converter
5.7.5	Steer	-12, -7, 0, +7, +12
5.8	<b>PW mode features:</b>	
5.8.1	PW Gain	0-100
5.8.2	Sampling volume	1mm\2mm\5mm
5.8.3	Steer angle	-12, -7, 0, +7, +12
5.8.4	Correction angle	+60° , 0° , -60°
5.8.5	Scale(PRF)	Convex: 1.25K, 1.6K, 2.5K, 3.2K Linear: 1.25K, 2.0K, 3.2K, 4.0K Phased array: 2K-4K
5.8.6	Correction angle	-85°-85°, step 5
6	<b>Others</b>	
6.1	Measurement aid	measuring magnifying
6.2	DICOM	standard
6.3	Note	text annotation
6.4	Video format	MP4, max 1000 frames (≈77 seconds)
6.5	Image format	JPG, DICOM
6.6	Duration	≈2 hours
6.7	Battery capacity	1350mAh
6.8	Probe Size	123mm*52.6mm*22mm
6.9	New Weight	95g

