

D8 Pocket Ultrasound System



Technical Specifications

Platform:	Android, Windows, IOS
Wireless:	Wireless based on WiFi
Supporting devices:	Android based tablet or smart phone, Windows PC, iPhone and IPAD.
Modes:	B, M, 2B, 4B, THI, Color, Power, PW (only color Doppler version have Color, Power, PW)
Gray level:	256
Transducer Frequency:	2-11MHz
Digital Technology:	Wide-angle imaging Panoramic focusing technology Compatible with high and low speed blood Frequency compounding Space compounding Rolling M technology Real-time Dynamic Aperture Tissue Harmonic Imaging Tissue Specific Imaging
Max scanning Depth:	300mm

Imaging Processing

Pre-processing:	Cloud processing technology Fine blood flow imaging, high sensitivity Gain Dynamic range Persistence M Soften Noise suppression
Post-processing:	Image enhancement Gray map Pseudo color map Interface rotation Left/right reverse Up/down reverse

Function

Cine-loop:	600 frames movie playback stored
Zoom:	Max 10 times(only Windows)
Qopt:	One-key optimization
Language:	Chinese, English, (All systems) Russian, Spanish, Italian, Czech(only Windows)
DICOM:	DICOM3.0(only Windows)
Other function:	Patient information Management(only Windows)

Measurement and calculation







B mode:	Distance, angle, area, volume, trace length, distance ratio, area ratio, histogram
M mode:	Distance, time, slope, heart rate
Color/Power/PW mode:	D velocity, D trace, PS/ED
Application package:	Abdomen, Small parts, Vascular, Obstetrics, Gynecology, Cardiology, Neurology, Urology, Orthopedics, Anesthesia

(Above items are for Windows APP. For Android and IOS APP, the measurement include Distance, Angle, Area, Time, Heart Rate, Speed)

Others

Charging Power supply:	100-240V~50/60Hz 12V
Battery lifetime:	>=8 hours
Net weight:	About 278g
Waterproof level:	IPX6

Multiple frequency probes

Probe Image	Mode	Frequency (MHz)	Frequency Range(MHz)	Radius of Curvature	Application
	Convex (C5-2Ks)	3.3	2-5	R50	Abdomen, Gynecology Obstetrics, Urology
	Linear (L11-4Ks)	7.5	6-11	L40	Vascular, Small Parts, Orthopedic
	Micro Convex (C8-5Ks)	6.5	5-9	R15	Abdomen, Paediatrics, Cardiology
	Transvaginal (E10-4Ks)	6.5	5-9	R10	Gynecology, Obstetrics, Urology
	Linear (L11-4Gs)	8.5	6-11	L25	Nerve, MSK, Vascular, Small Parts, Orthopedic
	Convex (C5-2Fs)	3.2	2-5	R50	Abdomen, Gynecology Obstetrics, Urology, Cardiology

Standard Configurations

Wireless system main unit

Convex Probe

APP software

Power Adapter

Aluminium carrying case

24 months warranty since ex-factory date for main unit

12 months warranty since ex-factory date for probes