

# VIATOM WIRELESS HANDHELD ULTRASOUND SCANNERS



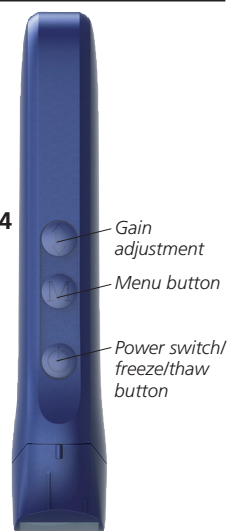
33931



33932



33934



**LINEAR**

**LINEAR + CONVEX**

**LINEAR + CONVEX + CARDIAC**

## WIRELESS HANDHELD ULTRASOUND SCANNERS

Easy to use wireless handheld ultrasound scanners. Medical staff can manage and share ultrasound scan results with patients through ultrasound software anytime, anywhere. Doctors can save cases and print reports with one click. High speed frames per second to get any small detail in maximum clarity for a quick diagnostic imaging.

- wireless connectivity, compatible with tablets and smartphones (iOS, Android)
- built-in and replaceable battery
- wireless charging support
- advanced digital imaging technology for clear images
- cost-effective and easy to carry
- suitable for hospital, emergency, clinic, outdoor
- intelligent terminal platform, powerful expansion functions on application, storage

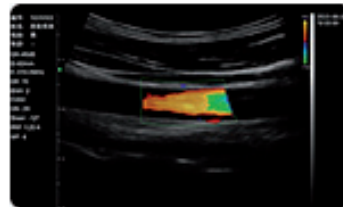
### Dual head ultrasound scanner (33932)

Interchangeable linear and convex heads by simply flipping around the device.

### 3 in 1 ultrasound scanner (33934)

Linear + Convex + Phased Array (Cardiac) Probe, it can realize transition from shallow to deep scan without switching. Ultra-wide frequency coverage and scanning depth are suitable for whole body examination. Ultra-clear image and ultra-long standby  $\geq 12$ h with 4200 mAh. 3.7V super-large lithium battery. Built-in independent Wi-Fi module, which can realize delay-free image transmission without the external network, reduce data transmission delay and improve image clarity. Scanning parameters can be adjusted via a simple and intuitive

multi-touch interface: adjust depth, gain, power and color. All models have manual GB, IT.



Carotid artery



Kidney

## VIATOM ULTRASOUND SYSTEM

GIMA code	Scanning Method	Frequency range (MHz)	VASCULAR	MSK	PEDIATRICS	BREAST	THYROID	CAROTID	SMALL ORGANS	LUNG	ABDOMEN	CARDIAC	GYNECOLOGY	OBSTETRICS	UROLOGY	KIDNEY	ARTERIES
33931	Linear	7.5-10	●	●	●	●	●	●	●								
33932	Linear	7.5-10	●	●	●	●	●	●	●								
	Convex	3.5-5								●	●	●	●	●	●	●	●
33934	Linear	7.5-10	●	●	●	●	●	●	●								
	Convex	3.5-5								●	●	●	●	●	●	●	●
	Cardiac	2.5-5	●									●					●

## STANDARD ACCESSORIES

	33931	33932	33934
Probe stand	●	●	
Wireless charging support	●	●	
USB cable	●	●	●
Charger adaptor			●
Carrying case			●

## MAIN USE OF ULTRASOUND PROBES

- Linear probe:** Suitable for the examination of superficial organs such as breast, thyroid, lymph nodes, etc. and blood vessels such as a carotid artery, upper extremity artery, lower extremity artery and other small organs, musculoskeletal examination.
- Convex probe:** Suitable for abdominal and pelvic organ scanning, FAST scanning, pleural effusion scanning and lung ultrasound scanning.
- Cardiac probe:** Suitable for cardiac ultrasonography of the heart, thoracic arteries and of intracranial blood vessels.



## TECHNICAL SPECIFICATIONS

Model	33931	33932	33934
Probe type:	Linear	Linear / Convex	Linear / Convex / Cardiac
Frequency range:	7.5-10 MHz	7.5-10 MHz / 3.5-5 MHz	7.5-10 MHz / 3.5-5 MHz / 2.5-5 MHz
Scanning depth:	20/40/60/100 mm	20/40/60/100 mm / 90/160/220/305 mm	20-80 mm / 90-305 mm / 90-160 mm
Head width:	40 mm	40 mm / 45 mm	60 mm
Doppler:	B, BM	B, B/M, B+colour, B+PDI, B+PW	B/BM/Colour/PDI/PW
Battery life:	3-5 hours	$\geq 2.5$ hours	3 hours
Charging time:		2 hours	3 hours
Size:		15.6x6x2 cm	15.7x7x3 cm
Weight:	230 g	260 g	220-250 g
Image Measure:	Length, Area, Angle, Heart Rate, Obstetrics		Distance, Area, Circumference, Angle, Heart Rate, Time, Velocity, S/D, Depth-1
Format:	JPG, AVI, DICOM		JPG, PNG, AVI, MP4, DICOM
Frame rate:	18 frames/second		31 frames/second
Image adjust.:	BGain, TGC, DYN, Focus, Depth, Harmonic, Denoise		