| | | MX10 | мхэ | мхв | MX5 | мхз |
|------------------|--|---|---|---|---|--|
| | | Wonderful in all aspects NEXT-LEVEL WIRELESS IMAGING | Superior Wireless Ultrasound Imaging | Truly integrated tele-ultrasound from your smart device | Exceptional pocket ultrasound from your smart device | General wireless imaging |
| BM | V | ELAGSHIP The MX10 together with MX9 competes | | | the popular GE Vscan Extend and Phillips | An affordable teaching tool— |
| | RRP (Recommended Retail Price) | Vscan Extend and SonoSite iVIZ handheld USD4200-7500 | USD3800-6500 | Lumify,Butterfly iQ. USD2899-3899 | USD2899-3899 | Perfect for Medical School USD800-1899 |
| Features | The supply price is less than the MOQ <moq=10 (usd)="" is="" moq,<br="" price="" reach="" supply="" the="">≥MOQ=10 (USD) Promising design</moq=10> | | | | | |
| | i tomong acogn | Medica-grade AL-Mg alloy design | Medica-grade AL-Mg alloy design | AL-Mg alloy design | Price/Performance | 5 user licenses included |
| | Trustworthy Imaging | Splash-resistant design for reliable cleaning and hospital grade disinfectants. | Splash-resistant design for reliable cleaning and hospital grade disinfectants. | Splash-resistant design for reliable cleaning and hospital grade disinfectants. | Splash-resistant design for reliable cleaning and hospital grade disinfectants. | |
| | | Huge battery provides more than enough power to last for over 4 hours. | Huge battery provides more than enough power to last for over 4 hours. | | | |
| | | 300g,ultra-light and thin, agile mobility | 300g,ultra-light and thin, agile mobility | 220g,ultra-light and thin, agile mobility | 180g,ultra-light and thin, agile mobility | |
| | | External battery status display | External battery status display | Remote control | Remote control | |
| | | Modular, maintenance-free, future- proof platform | Modular, maintenance-free, future-proof platform | USB-C transducer with replaceable cable | USB-C transducer with replaceable cable | |
| | | 3-year warranty,no subscription required | 3-year warranty,no subscription required | 3-year warranty,no hidden fees | 1-year warranty,no hidden fees | 1-year warranty,no hidden fees |
| | | iBTech+ platform,trustworthy imaging at any mobile clinical environment | iBTech+ platform,trustworthy imaging at any mobile clinical environment | iBTech+ platform,unmatched 2D, 4K resolution, and best-in-class processing | iBTech+ platform | |
| | | Ibcear :Smooth Uniform Tissues | Ibcear :Smooth Uniform Tissues | lbcear :Smooth Uniform Tissues | Ibcear :Smooth Uniform Tissues | |
| | | Synthetic-focus Beamforming | Synthetic-focus Beamforming | Advanced harmonic imaging | Advanced harmonic imaging | |
| | | Probe S-crystal technology | Probe S-crystal technology: broadband frequency response and higher sensitivity | Probe S-crystal technology | Probe S-crystal technology: broadband frequency response and higher sensitivity | |
| | | Easy, Al-powered App for iOS and Android | | Al-powered automated adjustments | Versatile and easy to use, ready when you are | |
| | | Cutting-edge processor and new 5G, Wifi-6 for seamless connection performance | Cutting-edge processor and new 5G, Wifi-6 for seamless connection performance | Broadband curved/linear array | | |
| | | Broad-bandwidth phased/linear/curved array transducer(20 to 1 MHz operating frequency range) | | transducer(15 to 1 MHz operating frequency range) | Broadband curved/linear array transducer(15 to 1 MHz operating frequency range) | |
| | Telemedicine Made Simple | Telemedicine | | Telemedicine real-time team commenting | | Support printing reports |
| | | Free DICOM | Free DICOM | | | |
| | | 3rd party ultrasound integration | | 3rd party ultrasound integration | 3rd party ultrasound integration | |
| | Dedicated and Professional Solutions | Any Mobile clinical environment: Medica Abdomen & lungs, OB/GYN, Critical Care Medical Services, MSK, Pain Managemen Veterinary | , Emergency Medicine, Emergency | Wide range of clinical applications such as:Cardiac,Abdominal,Carotids,Thyroid, Lungs,Soft Tissue and more | High resolution imaging for shallow applications: Soft Tissue, Vascular, Superficial, Musculoskeletal, and Lung | MSK Breast Thyroid Superficial Vascular Pediatrics Carotid Small Parts.Abdominal,Emergency |
| | | Optional: Needle Enhance,CW module,advanced MSK Presets,Breast Performance Package,Elastography | | Optional: Needle Enhance,advanced MSK Presets,Breast Performance Package | Center line marker, also deeper applications: abdominal, gall bladder, OB/GYN and lung imaging preset optimizations | Cardiac ,Urology ,Obstetrics/ Gynecology, Lung Kidney |
| Overview | Modes | M-mode, B-mode, Color Doppler, Power Doppler, Pulsed Wave Doppler,CW(Optional before delivery) | M-mode, B-mode, Color Doppler, Power Doppler, Pulsed Wave Doppler | M-mode, B-mode, Color Doppler, Power Doppler, Pulsed Wave Doppler | M-mode, B-mode, Color Doppler, Power Doppler, Pulsed Wave Doppler | M-mode, B-mode, Color Doppler |
| | Frequency | 1-20Mhz | 2-12Mhz | 2-15Mhz | | 2-12Mhz |
| | Min/max scan depth | 1cm / 30cm | 2cm / 24cm | 2cm / 24cm | | 3cm / 22cm |
| | Any Mobile clinical environment | Medical Education, Clinical research, Abdomen & lungs, OB/GYN, Critical Care, Emergency Medicine, Emergency Medical Services, MSK, Pain Management, Plastic Surgery, Primary Care, Veterinary | | Gynecology, obstetrics, abdomen, vascular, pediatrics, small parts, vascular, musculoskeletal, superficial, vascular, urology | | Obstetrics, Cardiac, Bladder |
| | What's in the box | Scanner, battery, charger, basic user manuals, power adapter and connecting cable, travelling case | | Scanner, USB-C 2.0 cable, basic user manuals, travelling case | | Scanner,basic user manuals,powe adapter and connecting cable |
| | Controls | Gain,TGC (near, mid, far),Depth | | Depth,Gain | Depth,Gain | Depth,Gain,TGC |
| | Number of channels | Receiving on 64 channels | Receiving on 32 channels | Receiving on 64 channels | Receiving on 32 channels | Receiving on 16 channels |
| Included Service | Transducer elements | 198 elements | 128 elements | 198 / 128 elements | 80/128 elements | 80/128/198 elements |
| | 3-year Warranty No subscription required | 3-year Warranty No subscription required | 3-year Warranty No subscription required | 3-year Warranty No subscription required | 1-year Warranty No subscription required | 1-year Warranty No subscription required |
| | DICOM | DICOM | DICOM | subscription required | sociapion required | 5 user licenses included |
| | Unlimited Cloud Storage | Unlimited Cloud Storage | | Unlimited Cloud Storage | | |
| | Unlimited users | Unlimited users | 5 user licenses included | 5 user licenses included | 5 user licenses included | |
| | 7-day risk free returns | 7-day risk free returns | 7-day risk free returns | 7-day risk free returns | 7-day risk free returns | |
| | One-click Telemedicine | One-click Telemedicine | | One-click Telemedicine | North Falcass | |
| | Needle Enhance | Needle Enhance CW module (requires to be configured | | Needle Viz CW module (requires to be configured | Needle Enhance | |
| | CW module | in factory) | | in factory) | Advanced MSV Process | |
| | Advanced MSK Presets Breast Performance Package | Advanced MSK Presets Breast Performance Package | | Advanced MSK Presets Breast Performance Package | Advanced MSK Presets | |

| In | | | 1 | | | 1 | | |
|-------------------------|--------------------------------|---|----------------------------|---|----------------------------------|------------------------|--|--|
| Optional function | Elastography | Elastography | | Elastography | | | | |
| | BMV Care Extended Warranty | | BMV Care Extended Warranty | BMV Care Extended Warranty | | | | |
| | BMV Cloud | | | BMV Cloud | | | | |
| | 1 Hour Personal Training | | | | | | | |
| | Midline | | Midline | Midline | Midline | | | |
| Cloud | Cloud Storage: | Yes | | Yes | s | | | |
| | Data organization | Data organization | | Unlimited custom archives | | | | |
| | Sharing | Anonymized image sharing (no user account required) | | Anonymized image sharing (no user account required) Telemedicine real-time team | | | | |
| BMV Live Telemedicine | Telemedicine | BMV Live Telemedicine | | reiemedicine real-time team | 3rd party ultrasound integration | | | |
| Accessories | Mobile Trolley | Mobile Trolley | | | | | | |
| | Qi-compatible wireless charger | Qi-compatible wireless charger | | | | | | |
| | Cross-body Bag | Cross-body Bag | | | | | | |
| Connectivity | Mobile Platforms | | | N/A | | iOS: iOS 11 or later | | |
| | | Android: Android 4.4.2 (API 19) or greater and devices which have the following architectures: x64 and ARM. Devices must be compatible with Wi- Fi 802.11n and BLE. | | Android | | Android | | |
| Security and Encryption | Bluetooth: | AES128 and RSA4096 | | | | | | |
| | Local Storage: | Temporary | | | | | | |
| | Cloud Storage: | Yes | No | Yes | No | | | |
| | DICOM: | Yes | No | Yes | | No | | |
| Charging and Bootup | Battery Spec | Lithion, 14.4V,5800mAh | | | | Lithion, 14.4V,4200mAh | | |
| | Scan Time: | ~4 hour | | ~4 hour | | ~3 hour | | |
| | Battery Life | 4-5 years | | N/A | | 4-5 years | | |
| | Standby: | ~30 days | | ~7 days | | | | |
| | Wireless charging | Qi-compatible | | USB-C 2.0 cable | | USB-C 2.0 cable | | |
| | Bootup: | Platform dependent, generally < 30 seconds | | | | | | |
| Operating Range | Ambient temperatures: | between 0°C / 32°F and 40°C / 104°F | | | | | | |
| | Relative Humidity: | between 15% and 90% | | | | | | |
| | Recommended maximum exam time: | 20 minutes | | | | | | |