

MicrUs Pro - Handheld Ultrasound Scanner



Clear, Quick, and Reliable.

Introduction

MicrUs Pro is an affordable, handheld ultrasound scanner providing high-definition images on smartphones, tablets, or PCs.

Designed for trained healthcare professionals, it features an easy interface, suitable for clinical and home healthcare settings.

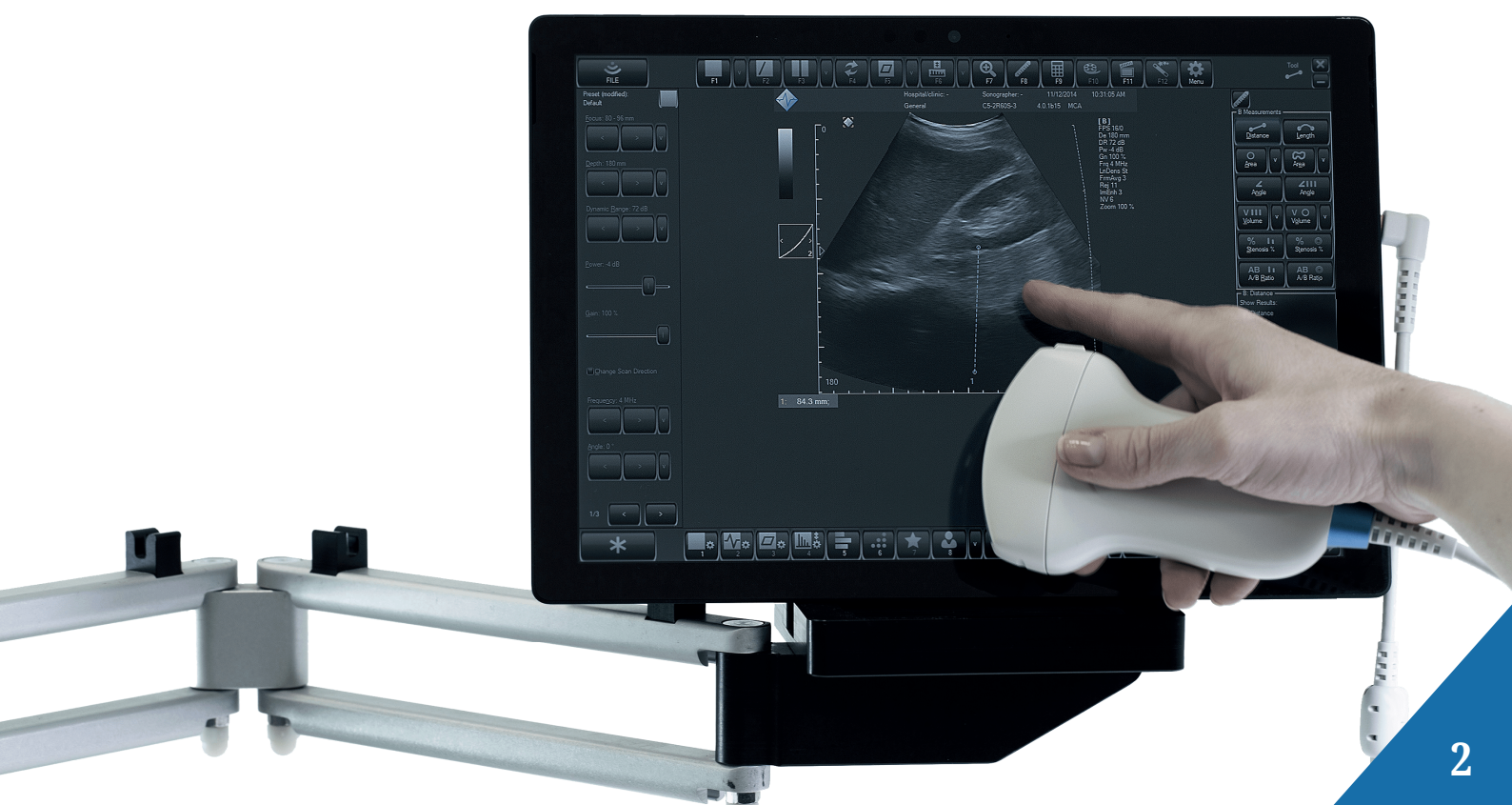
Applications

MicrUs Pro-L40S

- Vascular
- Small parts
- MSK
- Lungs
- Superficial
- Thyroid
- Nerves

MicrUs Pro-C60S

- Abdomen
- Urology
- OB/GYN
- Pediatrics
- Lungs



System Overview

Imaging Modes

- B
 - B-steer for linear probes
 - Compound for 40mm linear probes
 - Trapezoid for 40mm linear probes
- B+B
- 4B
- B+M
- M
- Pulsed Wave Doppler (PWD)
- B+PWD (Duplex)

Transducers

Multi-frequency transducers – Automatic transducer recognition

MicrUs Pro-C60S:

- 2.0 – 5.0 MHz
- Radius 60mm
- Scan depth: 9 - 23 cm (Windows)
- Scan depth: 9 - 28 cm (Android)

MicrUs Pro-L40S:

- 5.0 – 12.0 MHz
- Length 40mm
- Scan depth: 2 - 7 cm



Models

MicrUs Pro-L40s



Linear Probe
5.0 - 12.0 Mhz - 40 mm

MicrUs Pro-C60s



Convex Probe
2.0 - 5.0 Mhz - R60

Physical Specifications

Enclosure

- Rugged plastic IPX7

Power Supply

- directly from USB-C port

Weight

MicrUs Pro-L40S: 230g.

MicrUs Pro-C60S: 260g.

Connectivity

directly from USB-C port

Warranty

2-years warranty

Certifications

CE Mark.



Research Tools

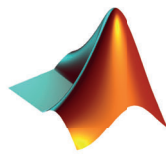
Intuitive tools for the Python, MATLAB, and LabView environments, enhanced by detailed documentation and understandable instructions, thus enabling a significant reduction in the learning curve.

DLL for MATLAB and Python

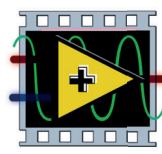
Dynamic link library (DLL) that allows you to call SDK functions and perform real-time image and data acquisition from other programs such as MATLAB, Python, and Labview.



Python



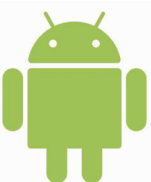
MATLAB



LabView

SDK – Software development kit

The Ultrasound Scanning Software Development SDK is a high-level programming library that allows the development of ultrasound scanning software for all TELEMED ultrasound systems on Windows, while on Android it is available for MicrUs and MicrUs Pro systems . The SDK package is available free of charge for OEM partners and developers, subject of NDA agreement with the manufacturer.



Android SDK



Windows SDK

Ultrasound Software

Telemed software keeps getting better, always adding new features to make using ultrasound easier. You can download all updates for free, and there's no need to pay for a subscription.

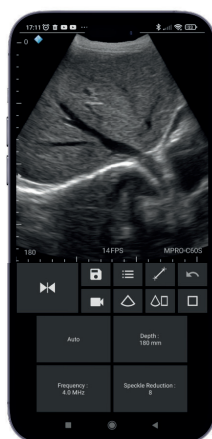
Windows - Echo Wave II



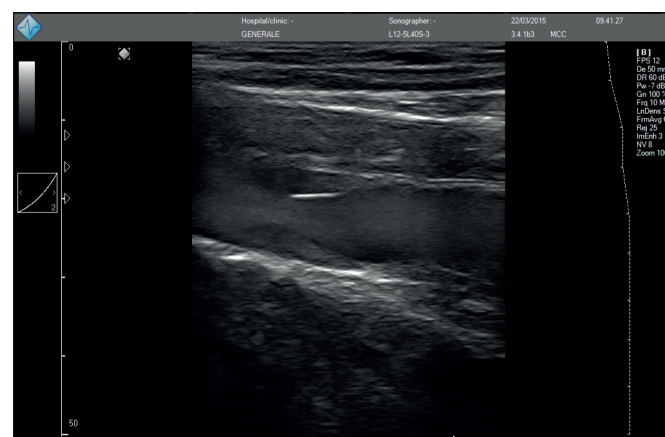
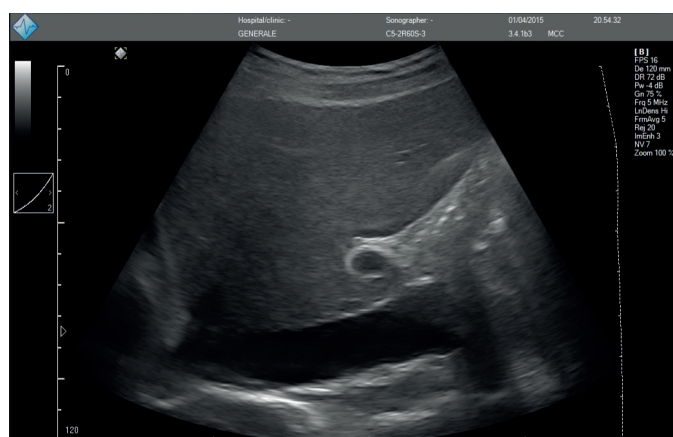
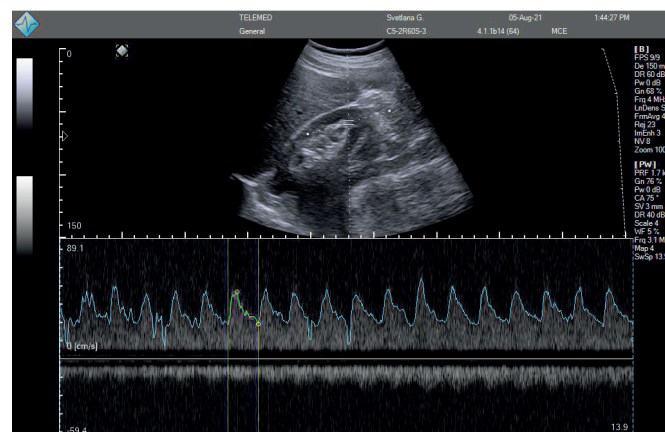
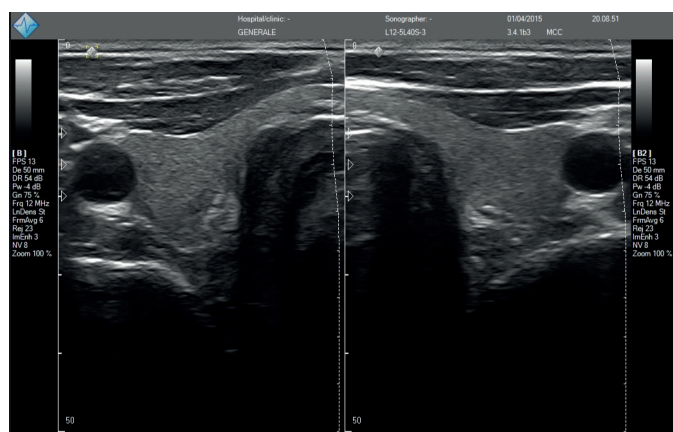
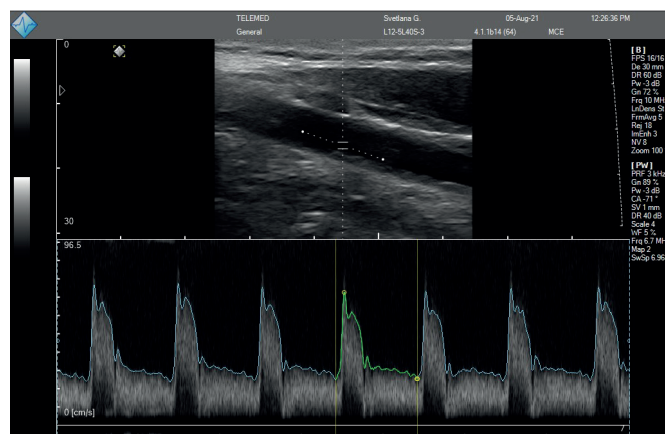
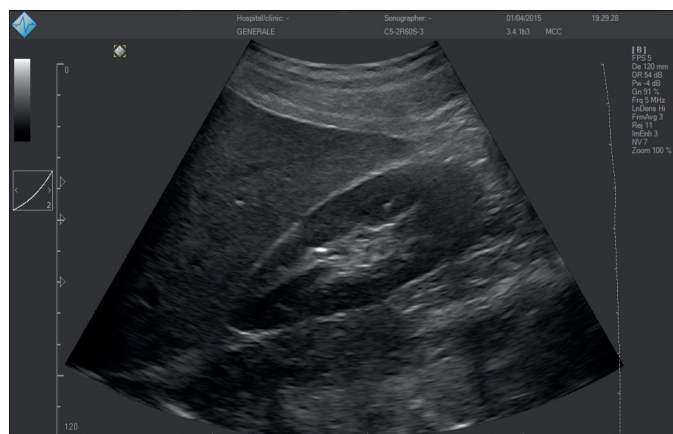
Windows - Echo Wave II touch



Android - Echo Wave A



Clinical Images



Contacts

Design and manufacturing by:



Telemed, UAB

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