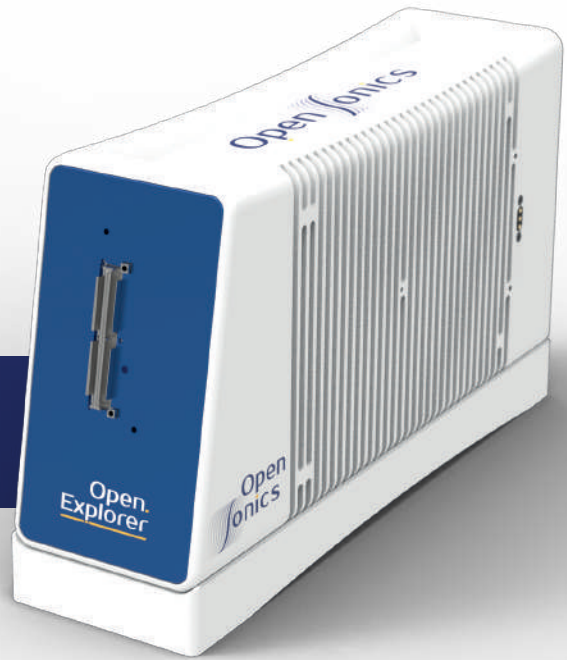




AGILE PERFORMANCE

- ✓ FOR ACADEMIC RESEARCH AND MEDICAL DEVICES (OEM)
- ✓ FULL OPEN PLATFORM WITH ERGONOMIC DESIGN
- ✓ SUPPORTING MULTIPLE SOFTWARE LANGUAGES



Open Explorer

SYSTEM

Configuration	64/64, 128/128
Probe connectors	IPEX (adapters in option)
Dimensions	300 × 140 × 80 mm 11.81 × 5.51 × 3.15 in.
Weights	<3.0 kg / 6.61 lb
Mounting Option	Tool-free docking system
Synchronization	Input/Output Triggers, Encoders
I/O Count	8
I/O Connector	D-Sub 15 female connector
I/O Pin Assignments	Programmable

TRANSMITTER

Pulser Voltage	Up to 150 V (200 V in option)
Pulse Type	Negative Square
Pulse Width	30 to 1000 ns (lower frequency in option)
Pulse Width Resolution	4 ns
Pulse Focusing Delay	0 to 40 µs
Pulse Delay Resolution	4 ns
Maximum PRF	20 kHz

RECEIVER

Receiver Resolution	14 bits per channel
Receiver Analog Gain	56 dB
Receiver Bandwidth	0.36 to 20 MHz (50 kHz optional)
Receiver Focusing Delay	0 to 40 µs
Channel Data Type	8-bit integer, 16-bit integer
Ascan Sampling	50 MHz
Decimation	50, 25, 12.5, 6.25,... MHz
Channel Data	IQ, RF data

COMMUNICATION

Communication Link	LAN 10 Gb
Data Flow	Up to 10 Gbits/s per 64 channels
Protocol	TCP/IP

SOFTWARE

Acquisition SDK	Open Source C++ SDK
Programming APIs	C++, Python, MATLAB, etc.
Operating Systems	Windows, Linux
Real-time example code	B-Mode, Doppler, etc.

Photos and specifications not contractual.