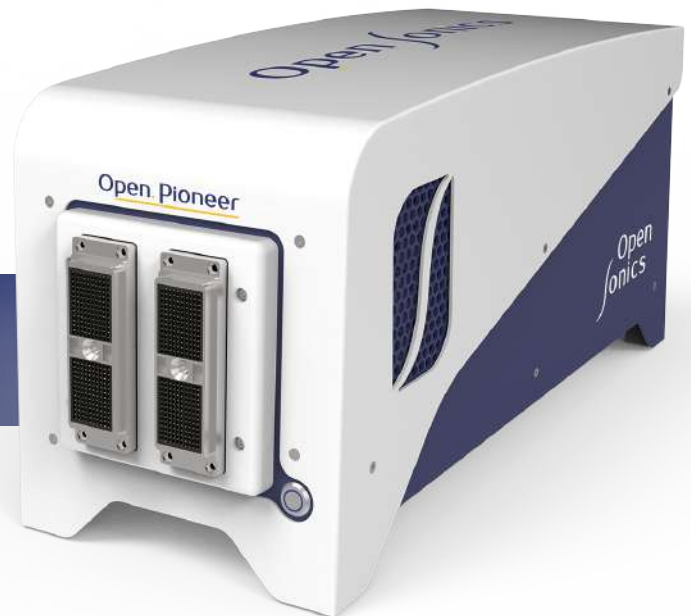




PIONEERING EXCELLENCE

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



Open. Pioneer

SYSTEM

Configurations	64/64, 128/128, 256/256, 256/1024-MUX
Probe connectors	DLM 260, DLP 408
Dimensions	506 × 205 × 246 mm 19,92 × 8,07 × 9,69 in.
Weights	< 10 Kg 22 lb for all configurations
Synchronization	Input/Output Triggers, Encoders
I/O Count	8
I/O Connector	D-Sub 15 female connector
I/O Pin Assignments	Programmable

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 μ s
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

TRANSMITTER

Voltage Range	2 to 200 Vpp
Waveform Type	Arbitrary waveform generator (AWG)
Channel Configuration	Each channel can be set independently
Extended Transmit	Up to 1ms (contact for more)
Signal Bandwidth	100KHz to 20MHz
Power	30W (Option for 50W) per group of 64 channels
Output impedance	< 7 Ohms

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, Elastography, etc...



256/1024-MUX

Photos and specifications not contractual.