

Verasonics' Universal Transducer Adapters (UTAs) enable Vantage<sup>®</sup> NXT Research Ultrasound System users to quickly convert their system to operate transducers with a variety of connectors.

One UTA adapter is included with every Vantage NXT System purchase. Additional adapters are available to meet changing research needs.

### Benefits of Verasonics' UTA technology:

- Enables use of high-performance, low noise connectors
- Allows for transducers up to 256 elements without a multiplexer
- Provides signal paths for transducers requiring additional grounding, power supply, digital control signals, etc.
- Offers compatibility with options from a variety of transducer partners
- UTAs are designed to be interchangeable across platforms - Vantage UTAs are designed to work with Vantage NXT Systems, Vantage NXT UTAs work on Vantage Systems\*



*Any UTA can be changed in a few minutes — no tools required*

\* Contact [sales@verasonics.com](mailto:sales@verasonics.com) with UTA questions.

UTA	Vantage NXT 32LE**	Vantage NXT 64**	Vantage NXT 64LE	Vantage NXT 128	Vantage NXT 256
NXT UTA 64 LEMO	○	✓	○ (64 channels only)	○ (64 channels only)	○ (64 channels only)
NXT UTA 128 LEMO	○	○	○	✓	✓ (128 channels only)
NXT UTA 160-DH/32 LEMO	○ (32 channels only/each connector)	✓ (32 channels only/each connector)	○ (64 channels only/each connector)	✓ (64 channels only/each connector)	✓ (128 channels only/each connector)
NXT UTA 160-SH/8 LEMO	○ (64 channels only)	✓ (64 channels only)	○ (128 channels only)	✓ (128 channels only)	✓ (128 channels only)
NXT UTA 160-SI/8 LEMO	○ (64 channels only)	✓ (64 channels only)	○ (128 channels only)	✓ (128 channels only)	✓ (128 channels only)

✓ Indicates the UTA is supported and is tested for imaging performance

○ Indicates the UTA is recognized by the system

X Indicates the UTA is not supported by the system

\*\* Future availability, NXT adapter compatibility with Vantage NXT 32LE and 64 subject to change.



### NXT UTA 64 LEMO

The **NXT UTA 64 LEMO** adapter provides direct transmit and/or receive channel connections for up to 64 single-channel transducers.

2 LEMO to BNC adapters are included.



### NXT UTA 128 LEMO

The **NXT UTA 128 LEMO** adapter provides direct transmit and/or receive channel connections for up to 128 single-channel transducers.

2 LEMO to BNC adapters are included.



### NXT UTA 160-DH/32 LEMO

The **NXT UTA 160-DH/32 LEMO** adapter provides 2 Hypertronics 160-pin connectors in addition to 32 single-channel LEMO connectors.



### NXT UTA 160-SH/8 LEMO

The **NXT UTA 160-SH/8 LEMO** adapter provides a single Hypertronics 160-pin connector in addition to 8 single-channel LEMO connectors.



### NXT UTA 160-SI/8 LEMO

The **NXT UTA 160-SI/8 LEMO** adapter has one I-PEX phased array connector and 8 single-channel LEMO connectors.

