

Verasonics' Universal Transducer Adapters (UTAs) enable Vantage™ System users to quickly convert their system to operate transducers with a variety of connectors. Changing from one UTA to another is simple and takes only a few minutes. The user loosens a set of screws by hand, changes the UTA and re-tightens the screws. The Vantage system must be shut down before, and re-booted after, the UTA changeover.

One UTA adapter is included with every Vantage system purchase. Additional adapters are available to meet changing research needs; older Vantage systems can be upgraded to the latest UTA technology.

## Benefits of Verasonics' UTA technology:

- Enables use of high-performance, low noise connectors
- Allows for transducers up to 256 elements without a multiplexer
- Provides additional signal paths for probes requiring additional grounding, power supply, digital control signals, etc.
- Retains compatibility with Verasonics transducers, as well as transducers from a variety of supplier partners



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

Adapter Name	Vantage 32 LE	Vantage 64	Vantage 64 LE	Vantage 128	Vantage 256
UTA 260-D			✓	✓	✓
UTA 260-S			✓	✓	
UTA 360					✓ <sup>1</sup>
UTA 408-GE			✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>
UTA 128 LEMO			✓	✓	✓
UTA 256 Direct			✓	✓	✓
UTA 260-MUX	✓	✓			
UTA 1024-MUX					✓

✓ Purchasable configuration or option. All Vantage systems can be reconfigured or upgraded to additional options.

\* Provides support for selected probes from VisualSonics<sup>1</sup>, GE<sup>2</sup> and Ultrasonix<sup>3</sup>

<sup>1</sup> VisualSonics is a registered trademark owned by FUJIFILM Sonosite, Inc.

<sup>2</sup> GE is a registered trademark owned by General Electric Company



### UTA 260

The **UTA 260-D** has two 260-pin connectors. Each connector provides signals for 128 channels.

The **UTA 260-S** has a single 260-pin connector and is available on the Vantage 128 and Vantage 64 LE.

These adapters provide compatibility with many Verasonics transducers and most refurbished HDI transducers manufactured by ATL Ultrasound.



### UTA 360

The **UTA 360** is available on the Vantage 256 and provides compatibility with the MS-series of transducers from VisualSonics. These high frequency transducers have 256 elements, which are directly connected through this adapter.

These transducers are compatible with Vantage high-frequency configurations.



### UTA 408-GE

The **UTA 408-GE** supports selected transducers from GE Healthcare, certain Verasonics transducers, as well as custom probes using the GE 408 Backshell Kit. It is available on the Vantage 256, Vantage 128, and Vantage 64 LE.



### UTA 128 LEMO

With up to 128 connectors for single element transducers, the **UTA 128 LEMO** and the **UTA 64 LEMO** adapters enable evaluation of new transducers and interrogation of complex structures. 2 LEMO to BNC adapters are included.



### UTA 256 Direct

This adapter is a simple and low-cost method to directly connect transducers with up to 256 elements to a Vantage system without the use of a multiplexer.

Requires soldering micro-coax wires to Verasonics-supplied termination boards.



### UTA 260-MUX

The Vantage 32 LE system and the Vantage 64 system can operate standard Verasonics transducers with up to 128 elements when the **UTA 260-MUX** is used.

### UTA 1024-MUX

For research in 3D and volume acquisition techniques, the **UTA 1024-MUX** adapter provides support to operate matrix array transducers with up to 1024 elements. Transducers are available from a number of leading transducer manufacturers.



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Verasonics reserves the right to change specifications without notice.

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