

Prices<sup>1</sup> effective 1 January 2021

**Table 1. Prices for DAAAC 4.0 Systems Software and Associated Options**

Part No.	Name	Price (\$)	Overview / Description
<b>Data Acquisition, Archival, Analysis, and Control software:</b>			
D4S	Data Acquisition System	\$13,925	Standard DAAAC 4 for use on stand-alone or networked Windows <sup>2</sup> computer. Includes Options CC and IP below, and up to 5 supported instrument drivers from Table 3 below. Includes one year maintenance and updates.
DAR4S	Data Analysis & Reduction	\$3,825	DAAAC Analysis system, with support for manual analysis and data reduction. Includes Options CC & IP. Does not include instrument control / acquisition. Includes one year maintenance and updates
DA40	Data Analysis Package	\$1,875	DAAAC for waveform display and manual analysis. Contains standard DAAAC 4 functionality without instrument control, signal line management, or automatic reduction. Includes 3 months maintenance and updates.
<b>Optional Enhancements to Model D4S, DAR4S and DA40 software:</b>			
CC	Component Compensation	\$0 (D4S, DAR4S); \$750 (DA40)	Support for automatic reduction of standard components (attenuators, cables, sensors, etc.) including frequency domain component compensation. Included at no charge with Part Nos. D4S and DAR4S.
EM	Microwave Reduction	\$1,495	Supports automatic data reduction for narrowband microwave data, including crystals, mixers, and direct write recording (includes CC).
IDR	Image Data Reduction	\$1150	Supports automated and manual data reduction (D40/DA40) for image data (includes options CC & IP).
IP	Manual Image Processing	\$0 (D4S, DAR4S); \$400(DA40)	Support for acquiring, reading, storing, and manually processing image data. Included at no charge with Part Nos. D4S and DAR4S.
TD	Test Director	\$3,550	Supports centralized test management for multi-computer, distributed data acquisition.
DBS	Database Server Interface	\$2,550	Supports the DAAAC database interface for dedicated database servers. Price does not include database server and client licenses (e.g., MS SQL Server), which must be purchased and installed separately.
D40-x	Instrument Drivers	\$300 per driver	Price shown for adding existing drivers from Table 3 below.
D40-y	Custom drivers	On request	Price depends on instrument complexity and supported interfaces.

<sup>1</sup> All prices assume order placement via purchase order and do not include New Mexico gross receipts tax. Gross receipts tax will be charged according to New Mexico law. No tax will be charged for out of state orders or if an appropriate New Mexico Non-Taxable Transaction Certificate is supplied with Purchase Order (New Mexico orders only). Procurement methods other than purchase order may incur additional processing fees.

<sup>2</sup> DAAAC operates under Windows Vista or later.

**Table 2. Prices for Software Support, Maintenance & Upgrades**

Model No.	Model Name	Price (\$)	Overview / Description
<b>Software Support, Maintenance &amp; Upgrades:</b>			
D4-M	D4 System Maintenance	\$3,125	1 Year Software Maintenance and upgrades for D-40 or D4S (DAAAC 4 acquisition system)
DAR4-M	DAR4 System Maintenance	\$1,555	1 Year Software Maintenance and upgrades for DAR4S (DAAAC Analysis & Reduction system)
DA4-M, DBS-M	DA40 System Maintenance	\$1,070	1 Year Software Maintenance and upgrades for DA-40 or DBS (DAAAC Analysis or Database Server software)
D4-U	D40, D4S Upgrade	\$5,425	Upgrade to latest version of D4S software, for existing D40 or D4S systems no longer under maintenance. Includes 1-year software maintenance and upgrades.
DA4-U	DA40, DAR4S Upgrade	\$1,900	Upgrade to latest version of DAR4S software, for existing DA40 or DAR4S systems no longer under maintenance. Includes 1-year software maintenance and upgrades.
<b>Training and Technical Support:</b>			
OST-Dest	Training - Anywhere	\$145 / hour + travel costs	On-site technical support and training, including integration of hardware with Voss Scientific Inc. software at customer site. Quoted price will include all travel costs.
OST-NM	Training at New Mexico location - hourly	\$160 / hour	On-site technical support and training, including integration of hardware with Voss Scientific Inc. software at New Mexico location. Hourly rate is billed for travel time and on-site time, and includes all travel costs.
D4-TR	Training at Voss Offices	\$1,950	DAAAC 4.0 software training for up to 4 people for 1-day at the offices of Voss Scientific Inc., Albuquerque, NM
DAS-Prog	Software Customization – Data Systems	\$5,975	Custom modifications to data acquisition and analysis systems using C++, Java, MATLAB, or IDL. One 40 hour block with software development to customer specification
OSE-1W-ABQ	On-site Engineering – Albuquerque	\$5,750	One week of on-site technical support, including integration of hardware with Voss Scientific Inc. software at customer site in Albuquerque, NM.

Currently supported instrument drivers are summarized in Table 3 below (call for available support for different version of the same model number). The following drivers include standard support for single shot acquisition, but may not support all acquisition and trigger modes. Custom drivers are also available for controllable Ethernet, serial, GPIB, VXI, CAMAC, LXI, PXI, PCI, or cPCI instruments. Deprecated drivers require additional work to operate under the latest DAAAC build and/or lack support under current operating systems.

**Table 3. Unit prices for instrument drivers, for each DAAAC 4 system**

Price when ordered with full system	Price when added to existing system	<b>Available Instruments (1 JAN 2021)</b> <b>Note: some drivers do not support all instrument capabilities. Contact VSI for information on specific capabilities supported by each driver and availability under specific operating systems.</b>
\$150	\$300	<p><b>Acqiris<sup>3</sup>:</b> (cPCI) DC211, DC440, DC270, DC271, DC271A, DC282</p> <p><b>Berkeley Nucleonics:</b> 555, 745, 845</p> <p><b>Hewlett Packard:</b> 8720, 8722D, 8753C, 8753ES, 83640, 8510C;</p> <p><b>Keysight Technologies (formerly Agilent Test and Measurement):</b> 33522A, DSO/A90254, DSO/A90404, DSO/A90604, DSO/A90804, DSO/A90808, DSO/A91204, DSO-S104A, E4448A, E5061B, E8257D, MSO-X3104T, MXR604A, N5181A, N57xxA, N9010A; (cPCI) U1062A, U1063A, U1064A, U1065A, U1066A, U1091AC10, UXR0204, UXR0404; (AXIe) M9703A, M9703B, M9709A, M9710A; (PXI) M9243</p> <p><b>LeCroy:</b> 9374, 9450, HDO4104, HDO8108, WaveJet 354A, WaveMaster 808Zi, WavePro 950, WaveRunner-2 LT264, WaveRunner 640Zi, WaveSurfer 104Xs</p> <p><b>National Instruments:</b> PCIe-6321, PCI-6010</p> <p><b>Rohde &amp; Schwartz:</b> SMT03, SMY02, ZVA40, ZVB4</p> <p><b>Stanford Research Systems:</b> DG535, DG645, SR620</p> <p><b>Tektronix:</b> 11801, DPO3034, DPO3054, DPO4054, DPO4104, DPO5054, DPO5104, DPO5204, DPO7054, DPO7104, DPO7254, DPO7354, DPO70404, DPO70604, DPO70804, DPO71254, DPO71604, DPO72304DX, DPO72304SX, DPO72504DX, LPD64, MSO46, MSO58, MSO58LP, MSO64, TDS744, TDS754, TDS784, TDS2024, TDS3032, TDS3052, TDS3054, TDS5054B, TDS5104, TDS6124, TDS6154, TDS6404, TDS7054, TDS7104, TDS7154, TDS7254, TDS7404</p> <p><b>Cameras (contact VSI for available interfaces)</b>  AVT: Goldeye, Mako, Manta, Marlin, Stingray; Roper Scientific: Photometrics Sensys, Iris 9, CH350, &amp; Cascade; Princeton Instruments PiMax (ST-133 controller), PiMAX2, &amp; Pixis;</p> <p><b>Spectrometers</b>  Acton Research SP150, SP300, SP500; Avantes AvaSpec; Ocean Optics USB2000, SAD500, USB4000</p>

<sup>3</sup> some Acqiris products were sold by Keysight Technologies (previously Agilent) under different part numbers (U10xx Series digitizers). Each DAAAC driver supports both the Acqiris and the equivalent Keysight device.

**Deprecated** – older drivers that lack support under current DAAAC builds and/or operating systems.

**Acqiris:** (cPCI) DC110, DC152, DC222, DC240, DC241, DC265, DC440

**Berkeley Nucleonics:** 6040

**Hewlett Packard:** 16500, 3458, 4396B, 5335, 5370,

54111, 54112, 81110, 8751, 8765A;

(VXI) 1428, 1437, 1441; (VXI controllers) 1406, E623x series PC

**LeCroy:** WaveMaster 8000, WaveRunner Xi; (CAMAC) 2249, 4208, 4222,

6810, 6840, 6841, 6880, 8828; (CAMAC controllers) 8901, 6010

**National Instruments:** (VXI controllers) GPIB-VXI/C, VXI-MXI-2;

(DAQ): LabPC1200,1407,1422,PCI16E, 6013, 6115

**Stanford Research Systems:** PS3xx

**Tektronix:** 2430, 2440, DSA602, RTD710, RTD720, SCD1000, SCD5000,

TDS220, TDS224, TDS310,TDS320,TDS350, TDS460, TDS540, TDS544,

TDS640, TDS644, TDS680, TDS684, TDS694, TDS820, TDS820, TDS8000;

(VXI) TVS641, TVS625, TVS645

**Cameras:** EPIX SV2112, SV1310, SV4, SV5, on EPIX controllers: Hitachi KP-

F100, KP-F110, Hamamatsu ORCA, Sensors Unlimited SU320, DALSA 1M15,

DALSA DS11-16K7, Pulnix TM9701;

NI 1422 with Sensors Unlimited SU320 MS(W) & SU640, Pulnix TM9701

**Positioners:** Newport ESP6000 series controllers, New Focus Picomotor,

Velmex NF-90, MI Technologies 4190, Parker Daedal P6K2 and 6250