

Prices\* effective 1 JUL 2019

<b>Cal System</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
DAAAC-CAL02	Component characterization and inventory system. Uses Microsoft Access database and supports selected network analyzer. Includes barcode printer and laser scanner.	26,250
DAAAC-CAL01	Component characterization and inventory system. Uses MS Access database and HP8753C network analyzer.	discontinued
CAL01-Maint	One year support and maintenance agreement for DAAAC-CAL01	3,150

<b>Inventory System</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
InvSys01	Inventory system with MS SQL Server format database, support for viewing Cal System (item DAAAC-CAL01/02) data.	29,950
INV01-Maint	One year support and maintenance agreement for InvSys01	3,150
INV01-010	Multi-user database	6,400

<b>Digitizers and associated acquisition hardware / systems</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
	Voss Scientific Inc. is a Keysight Solutions Provider, and a Tektronix Value Added Reseller. Call for current prices on all hardware and bundled systems.	

<b>Data acquisition computer systems</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
D4-Sys-02191	Desktop computer with Intel i7-8700, 32GB RAM, 4TB removable hard drive, NVIDIA Quadro P1000, dual 27" monitors. Software includes Microsoft Windows 10 Professional, Voss Scientific DAAAC 4, Mathworks MATLAB individual/perpetual, SOLIDWORKS Professional standalone, OriginLab OriginPro 2019 individual.	33,200
D4-Sys-02192	Desktop computer with AMD Ryzen Threadripper, 128GB RAM, 4TB removable hard drive, NVIDIA Quadro P2000, dual 27" monitors. Software includes Microsoft Windows 10 Professional, Voss Scientific DAAAC 4, Mathworks MATLAB individual/perpetual, SOLIDWORKS Professional standalone, OriginLab OriginPro 2019 individual.	35,400

\* Prices valid for U.S. orders only. 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 a 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.

<b>Millimeter Wave, Optics, and Beam Control Systems</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
DAAAC-PD01	Photodensitometer hardware and software. 3 channels (RGB) of 14 bit A/D at < 1MS/s with log amps (for 6 order of magnitude optical range). feedback loop control of illumination intensity. Does not include control computer.	call
D40-RA02	Standalone beam control system. Integrate hardware with custom software to achieve beam steering stabilization with a video camera system and controllable piezoelectric mirror; Stabilized feedback closed loop response of 10 Hz minimum.	call
AO-DMCL	Adaptive Optics System. Deformable mirror (DM) automatic calibration software and 100Hz closed loop control system. Includes high speed wavefront sensor (camera with lenslet array); controllable external mirror to remove tip/tilt components;	call
SA-DR-001	Position sensitive photodiode (PSPD) and temperature recorder. Continuously records the data from two position sensing photodiodes (Xdif, Ydif, Sum) at a 1 kHz rate, and records temperature data at 10 Hz. Will record data for up to 1 hour (3.6M points / channel).	call
DMCS01	Deformable mirror control system. Monitors image quality via Sensors Unlimited camera; computes strehl and geometry (symmetry) FOMs; adjusts Zernike coefficients to optimize (user weighted) FOMs; adjusts Xinetics 37 channel deformable mirror based on computed zernikes. Allows manual adjustment of zernikes and stores zernike configurations.	call
FF-CAM155	Near-infrared far field camera system: 1 – 1.7 $\mu\text{m}$ , 3 $\mu\text{m}$ resolution, external synchronization, and repetition rate > 10 Hz.	call
SPEC-NIR	Near-infrared spectrometer system: 1 – 1.7 $\mu\text{m}$ , repetition rate > 10 Hz. Includes 3 gratings: spectral range of 40, 100 and 200 nm, max resolution 0.2 nm. Operates with either fiber-optic or imaging input.	call
OPCPA-DIA	Optical parametric chirped pulse amplifier (OPCPA) diagnostic system. Includes hardware interfaces, computers, software, Synchronized Trigger Generator, near field camera, energy meter system, alignment laser, and remote-controlled alignment system.	call
OPCPA-MC	Short pulse measurement and laser control system: Includes single-shot autocorrelator (SSAC), 0.1 – 6 ps pulse width. Remote control of laser output, pulse width, chirp, and energy. Includes complete integrated optical system.	call

<b>Custom Instrument drivers</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
D40-NI-PXI1428	DAAAC4 driver for the National Instruments NI-PXI-1428 Camera link	5,500
D40-NI-PXI6220	DAAAC4 driver for the National Instruments NI-PXI-6220 multifunction DAQ	5,900
D4-Pico6k	DAAAC4 driver for the Pico Technology 6000 Series scope with support for digitizer only.	5,200

<b>DAAAC 4 Upgrades &amp; Customizations</b>		
<b>Item No.</b>	<b>Description</b>	<b>Price</b>
D40-176	Data Miner with support for selected FOMs	2,200
D40-180	CalMan item for waveform to single point FOM conversion	1,200
D40-DB-LIB32	Database interface library (32-bit). Supports retrieval of raw and processed waveforms and images, station layout, instrument settings, and cal graph, using MATLAB loadlibrary / calllib functions.	900
D40-DB-SC64	Sockets client library for 64-bit MATLAB. Supports use of MATLAB loadlibrary / calllib functions.	900
D40-DB-SS	Sockets server for data objects in D40-DB-LIB32. Supports use of MATLAB 32, MATLAB 64, or any other sockets client.	1,400
D40-IDL	IDL interface API for retrieving waveform data from a DAAAC 4 database.	call
D40-RIA	Remote acquisition interface library for DAAAC acquisition control and monitoring. Includes custom interface function to return instrument state (idle, armed, triggered, etc.) for all active devices.	800 (single) 2000 (site)
D40-REMCLI	C library client interface for acquisition control and data retrieval via DAAAC Acquire server. Extends D40-RIA to include data retrieval in JSON format.	1,100 (single) 2,500 (site)
D40-WM	Waveform mask test CalMan item, with manual application from Analyze.	4,800
MS_SQL_201x	Microsoft SQL Server with client access license, including installation on customer computer and configuration for use with DAAAC software.	1,200
D4-FE03	Custom DAAAC acquisition front end with support for user specified configuration and test parameters (e.g., azimuth, elevation, distance)	6,250

**Terms and Conditions:**

Terms: Net 30 (with approved credit), unless otherwise noted.

FOB: Albuquerque, NM (hardware); destination (software), unless otherwise noted.

Delivery time: Dependent on selections.

All prices are for integration of existing items and do not include customizations, unless otherwise noted.

All prices in U.S. dollars. Excludes shipping and New Mexico Gross Receipts Tax. Add NMGR if applicable, or include a NM non-taxable transaction certificate with purchase order.

Prices, terms, and delivery are subject to change without notice. Please Contact Voss Scientific, Inc. for a current quotation.