

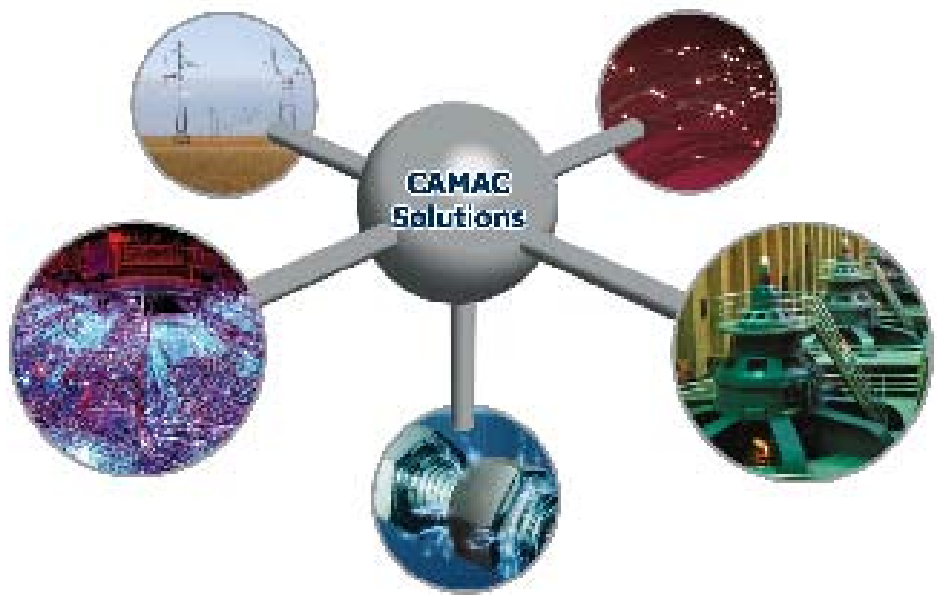
CAMAC Equipment

CAMAC, Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, realtime data acquisition and control system concept.

Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.

AD21-AD4Z 6110-6611

Making VXI and CAMAC easier to use



FEATURES

- Available for popular KineticSystems computer interfaces
- Provided for CAMAC and VXIbus I/O
- Include high-level-language-callable libraries
- Provide callable routines to simplify the developer interface
- Include error checking and reporting
- Support for the list structure (list building and executing routines) for interfaces that include I/O lists

GENERAL DESCRIPTION

Device drivers become an extension of the operating system while providing a high-level-language interface (typically C and/or FORTRAN) between a software application and the registers of a hardware interface. For example, a typical CAMAC driver call for transferring a 16-bit block of data is CAB 16 (Chan, C, N, A, F, Mode, DataArray, TransCount, StatusArray), where Chan is the device channel number, C is the crate number, N is the slot number, A is the subaddress, F is the command to be performed, TransCount is the block size and StatusArray is the returned status after the block transfer is executed. To the extent possible all CAMAC device drivers provide a uniform callable interface. The same is true for all VXI device drivers.

This data sheet is organized in alphanumeric order by the hardware interfaces associated with the software device drivers. In order to accommodate the new computer bus interfaces and operating systems, we have changed our numbering system for software from 6xxx to Axxx. In order to ease the transition, device drivers originally in the 6000-Series maintain their original numbering.

KineticSystems develops device drivers for various computer operating systems to meet customer requirements. Contact the factory or your local representative regarding the availability of device drivers not found in this data sheet. Also, support is available for some limited-production interfaces as well as interfaces to older platforms. Contact KineticSystems for additional information about these software products.

The full driver packages (license, documentation and media) are shown here. Please refer to the Price List or contact KineticSystems regarding other options or services (right to copy, upgrade, other media options, service contracts, etc.).

2115 CAMAC Serial Highway Driver

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
AD4Z-NPA1	PCI	Personal Computer	Windows NT	Full License	3.5" disk
AD4Z-UUA1	PCI	Digital Alpha	Digital UNIX	Full License	3.5" disk
AD4Z-VAA1	PCI	Digital Alpha	OpenVMS	Full License	3.5" disk

2145 CAMAC Serial Highway Driver

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
6611-2LA5	SCSI	Digital Alpha	OpenVMS	Full License	TK50
6B11-HLA9	SCSI	HP 9000/800	HP-UX	Full License	DAT tape
6B11-LLA9	SCSI	HP 9000/700	HP-UX	Full License	DAT tape

2915 CAMAC Interface for the 3922

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
AD3Z-NPA1	PCI	Personal Computer	Windows NT	Full License	3.5" disk
AD3Z-VAA1	PCI	Digital Alpha	OpenVMS	Full License	3.5" disk

2927 CAMAC Interface for the 3922

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
AD21-HHA3	PCI	HP Workstation	HP-UX	Full License	DAT tape
AD21-HHA3	PCI	Personal Computer	Windows NT	Full License	3.5" disk
AD21-HHA3	PCI	Digital Alpha	Digital UNIX	Full License	3.5" disk
AD21-HHA3	PCI	Digital Alpha	OpenVMS	Full License	3.5" disk

2962 Grand Interconnect Host Adapter

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
AD21-NPA1	PCI	Personal Computer	Windows NT	Full License	3.5" disk
AD21-UAA1	PCI	Digital Alpha	Digital UNIX	Full License	3.5" disk
AD21-VAA1	PCI	Digital Alpha	OpenVMS	Full License	3.5" disk



3929 CAMAC Crate Controller

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
6610-1HA5	SCSI	Digital VAX	VMS	Full License, 3929-Z1A	TK50
6610-1JA5	SCSI	Digital VAX	VMS	Full License, 3929-Z1B	TK50
6B23-JLA9	SCSI	HP 9000/700	HP-UX	Full License, 3929-Z1B	DAT tape

3988 CAMAC Crate Controller

Device Driver	Interface	Hardware Platform	Operating System	Comments	Media
6B10-HMA9	GPIB	HP 9000/800	HP-UX	Full License	DAT tape

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www.kscorp.com

Updated June 6th, 2005

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