

CAENComm Library

**Interface library for
CAEN Data
Acquisition Modules**

CAEN

Comm

Features

- Interface library for all CAEN VME Modules, and Front End modules with USB, Ethernet, Optical Interface
- Easily porting to any type of platform and VME hardware
- National Instruments LabVIEW and C/C++ supported
- Demo with source files included in the pack
- Python binding available at pypi.org/project/caen-libs (Open Source project and examples available at github.com/caenspa/py-caen-libs)

Description

The purpose of the **CAENComm Library** is to implement a common interface to the higher software layers, masking the details of the physical channel and its protocol, thus making the libraries and applications that rely on the CAENComm independent from the physical layer.

CAENComm is based on **CAENVMELib**, a library developed specifically for CAEN VME bridge (**V3718**, **V4718**) which implements the basic functions for accessing the VME bus (besides other specific functions for these bridge). For this reason, it is necessary that the CAENVMELib is already installed on your PC before installing the **CAENComm**; however, the CAENVMELib is completely transparent to the user.

Supported

Operating Systems: Windows (32-64 bit), Linux (32-64 bit)

Language: C, LabVIEW (Windows only)

Supported Products:

VME, NIM and Desktop digitizer [720](#), [724](#), [725](#), [730](#), [740](#), [742](#), [743](#), [751](#), [761](#) family, Digital MCA [780](#), [781](#), [782](#) family and [DT5790](#), [DT55xx](#) and [V65xx](#) power supply boards, [V1x90x](#) TDCs, [V1495](#) and [V2495](#) general purpose VME board, [DT5495](#) Desktop Programmable Logic Unit and [SY2791](#) TCP readout system

Supported Comm. Interface:

USB, Optical Link, Ethernet, VME

Additional Software Required:

CAENVMELib, NI LabVIEW Development System*

*only for LabVIEW package

Related Software

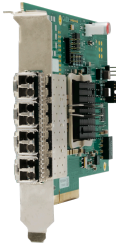
CAENVMELib Library



Interface library for CAEN VME Bridges

Related Products

A5818



CONET2 Controller based on PCI Express Gen 3 interface

A3818



PCI Express CONET2 Controller

VX3718



VME64 to USB 2.0/Optical Link Bridge

VX4718



VME to USB 3.0/Ethernet/Optical Link Bridge

V4718



VME to USB 3.0/Ethernet/Optical Link Bridge

A4818



USB 3.0 to CONET2 Adapter

This document, or parts thereof, may not be reproduced in any form or by any means without written permission from Caen S.p.A. Although every effort has been made to ensure the accuracy of information presented in this catalog, Caen S.p.A reserves the right to modify its products specifications without giving any notice; for up to date information please visit www.caen.it © Caen S.p.A - 2024

CAEN S.p.A.

Via Vetraia 11
55049 - Viareggio
Italy

Phone +39.0584.388.398

Fax +39.0584.388.959

info@caen.it

www.caen.it

CAEN GmbH

Brunnenweg 9
64331 Weiterstadt, Germany

Phone +49 (0)212.254.4077

Mobile +49 (0)151.16.548.484

info@caen-de.com

www.caen-de.com

CAEN Technologies, Inc.

1 Edgewater Street - Suite 101
Staten Island, NY 10305
USA

Phone +1.718.981.0401

Fax +1.718.556.9185

info@caentechnologies.com

www.caentechnologies.com

CAENspa India Private Limited

B205, BLDG42, B Wing,
Azad Nagar Sangam CHS,
Mhada Layout, Azad Nagar, Andheri West
Mumbai, Maharashtra 400053, India

info@caen-india.in

www.caen-india.in

