

Discontinued

CAENSCOPE

**Digitizer Software
for Signal
Inspection and
Waveform
Recording (New
Version)**



Features



- User friendly single frame GUI with intuitive controls
- Compatible with CAEN Waveform Digitizers
- Extended plot and record capability up to 16 simultaneous traces
- High configuration flexibility:
 - individual channel enable/disable
 - individual channel trigger threshold and DC offset adjustment
 - common trigger among channels
 - external trigger enable/disable
 - auto trigger
- Multi format (ASCII, binary) data saving
- Import/Export of recorded waveform and software settings
- Compliant with Windows and Linux platforms

Description

CAENScope is a user friendly software interface to specifically control CAEN digitizer running **Waveform Recording Firmware**. CAENScope allows the user to easily connect to a single board, retrieve the hardware information, manage the acquisition and data recording. In a single program frame, different parameters can be set for the channels, the trigger (e.g. external, software or channel trigger) and the traces (e.g. vertical and horizontal digital settings, and hardware settings as well). Up to 16 traces can be simultaneously plotted.

A wave recording session can be programmed even by number of events and then saved to files in a Binary (SQLite db) or Text (XML) format. It is possible to load a recorded session and have it on the display with the recording date and the trace from each enabled channel, scrolling it event by event. The user can also export and import the software settings at his convenience.

NOTE: CAENScope **does not support DPP firmware**.

| | |
|--|---|
| Supported Operating Systems: | Windows, Linux |
| Language: | Tcl/Tk |
| Supported Products^(*): | 720, 724, 725, 730 and 751 series (VME, NIM and Desktop Digitizers) |
| Supported Comm. Interface: | USB, Optical Link, VME |
| Additional Software Required: | Linux packages: - <i>sharutils</i> ; - <i>libXft</i> ; - <i>libXss</i> (specifically for Debian derived distributions, e.g. Debian, Ubuntu, etc.); - <i>libXScrnSaver</i> (specifically for RedHat derived distributions, e.g. RHEL, Fedora, Centos, etc.). |

^(*) Click [here](#) for the currently not supported boards (**V1721** and **V1731** digitizers, 740 digitizer series).

Related Products

N6740



32 Channel 12bit 62.5 MS/s Digitizer

N6720



4 Channel 12 bit 250 MS/s Digitizer

DT5751



2/4 Input Channel 10 bit 2/1 GS/s Digitizer

DT5720



4/2 Input Channel 12bit 250 MS/s Digitizer

V1720



8 Input Channel 12bit 250 MS/s Digitizer

DT5724



4/2 Input Channel 14 bit 100 MS/s Digitizer

VX1720



8 Input Channel 12bit 250 MS/s Digitizer

VX1751



4/8 Input Channel 10 bit 2/1 GS/s Digitizer

V1724



8 Input Channel 14 bit 100 MS/s Digitizer

DT5740



32 Input Channel 12 bit 62.5MS/s Digitizer

N6724



2/4 Channel 14 bit 100 MS/s Digitizer

VX1740

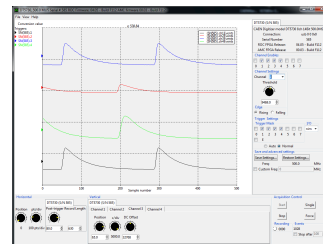
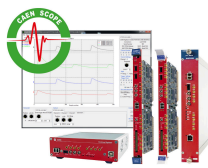


64 Input Channel 12bit 62.5 MS/s Digitizer

V1751



4/8 Input Channel 10 bit 2/1 GS/s Digitizer



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