

LabVIEW Driver (PSM - Power Supply Modules)

LabVIEW Instrument Driver for Power Supply Modules

CAEN

LabVIEW

Features

- LabVIEW Instrument Driver for Power Supply modules:
 - NDT14xx – NIM/Desktop
 - R14xxET – Rack-mount
 - DT14xxET – Desktop
 - DT55xxE – Desktop
 - N14xxET – NIM
 - N14xx – NIM
- All Power Supply modules with SMART HV are supported
- Developed to configure and monitor all the parameters of the boards
- Demo Control SW available
- Supported Ethernet and USB interfaces

Description

LabVIEW Driver (PSM - Power Supply Modules) is a set of VIs developed to configure and monitor all the parameters of remotely controlled CAEN **Power Supply Modules**. Functions are divided in five primary groups: **Initialize/Close, Configuration, Action/Status, Data** and **Utility** to help the user to develop a control SW in the easiest possible way. All the VIs belonging to each of these primary groups are described in detail in the User Manual.

A **Demo control SW** developed using this tool can be downloaded from the website, in a package containing an executable and the source code, as an example showing the capabilities of this set of VIs.

This Driver is also available in the relative section of the National Instruments website.

Supported Operating Systems

Windows (32-64 bit)

Supported Products

NIM & NIM/Desktop & Desktop & Rack Mount Power Supply Modules: SMART HV, DT55xxE, N14xx, N14xxET, NDT14xx, R14xxET and DT14xxET Families, DT55xxE family

Supported Comm. Interface

USB (N14xx / NDT14xx / N14xxET / DT14xxET / R14xxET / DT55xxE/ SMART HV), Ethernet (NDT14xx / N14xxET / DT14xxET / R14xxET/ DT55xxE/ SMART HV)

Related Products

N1419



4 Ch Reversible 500 V/200 μ A NIM HV Power Supply Module (USB)

N1471H



4 Ch Reversible 5.5 kV/20 μ A NIM HV Power Supply High Accuracy Module (USB)

N1471HET



4 Ch Reversible 5.5 kV/20 μ A NIM HV Power Supply High Accuracy Module (USB/Ethernet/T.screen)

NDT1471



4 Ch Reversible 5.5 kV/300 μ A NIM/Desktop HV Power Supply Module (USB/Ethernet/T.screen)

DT1419ET



4 Ch Reversible 500 V/200 μ A Desktop HV Power Supply Module (USB/Ethernet/T.screen)

N1419ET



4 Ch Reversible 500 V/200 μ A NIM HV Power Supply Module (USB/Ethernet/T.screen)

DT1471ET



4 Ch Reversible 5.5 kV/300 μ A Desktop HV Power Supply Module (USB/Ethernet/T.screen)

N1470



4 Ch Reversible 8 kV/3 mA (8 W) NIM HV Power Supply Module (USB)

N1470ET



4 Ch Reversible 8 kV/3 mA (8 W) NIM HV Power Supply Module (USB/Ethernet/T.screen)

NDT1471H



4 Ch Reversible 5.5 kV/20 μ A NIM/Desktop HV Power Supply High Accuracy Module (USB/Ethernet/T.screen)

NDT1470



4 Ch Reversible 8 kV/3 mA (8 W) NIM/Desktop HV Power Supply Module (USB/Ethernet/T.screen)

DT1471HET



4 Ch Reversible 5.5 kV/20 μ A Desktop HV Power Supply High Accuracy Module (USB/Ethernet/T.screen)

R1419ET



8/4 Ch Reversible 500 V/200 μ A 19' HV Power Supply Module (USB/Ethernet/T.screen)

R1471ET



8/4 Ch Reversible 5.5 kV/300 μ A Desktop 19' Power Supply Module (USB/Ethernet/T.screen)

N1471



4 Ch Reversible 5.5 kV/300 μ A NIM HV Power Supply Module (USB)

N1471ET



4 Ch Reversible 5.5 kV/300 μ A NIM HV Power Supply Module (USB/Ethernet/T.screen)

DT1470ET



4 Ch Reversible 8 kV/3 mA (8 W) Desktop HV Power Supply Module
(USB/Ethernet/T.screen)

R1470ET



8/4 Ch Reversible 8 kV/3 mA (8 W) Desktop 19" Power Supply Module
(USB/Ethernet/T.screen)

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