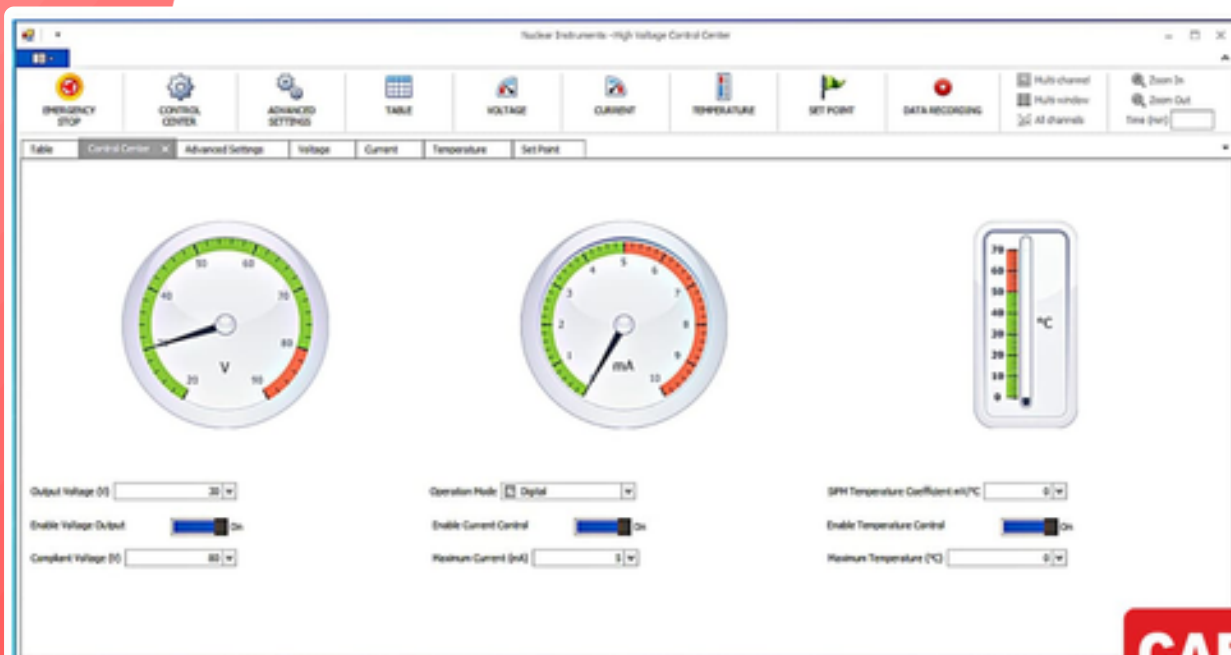
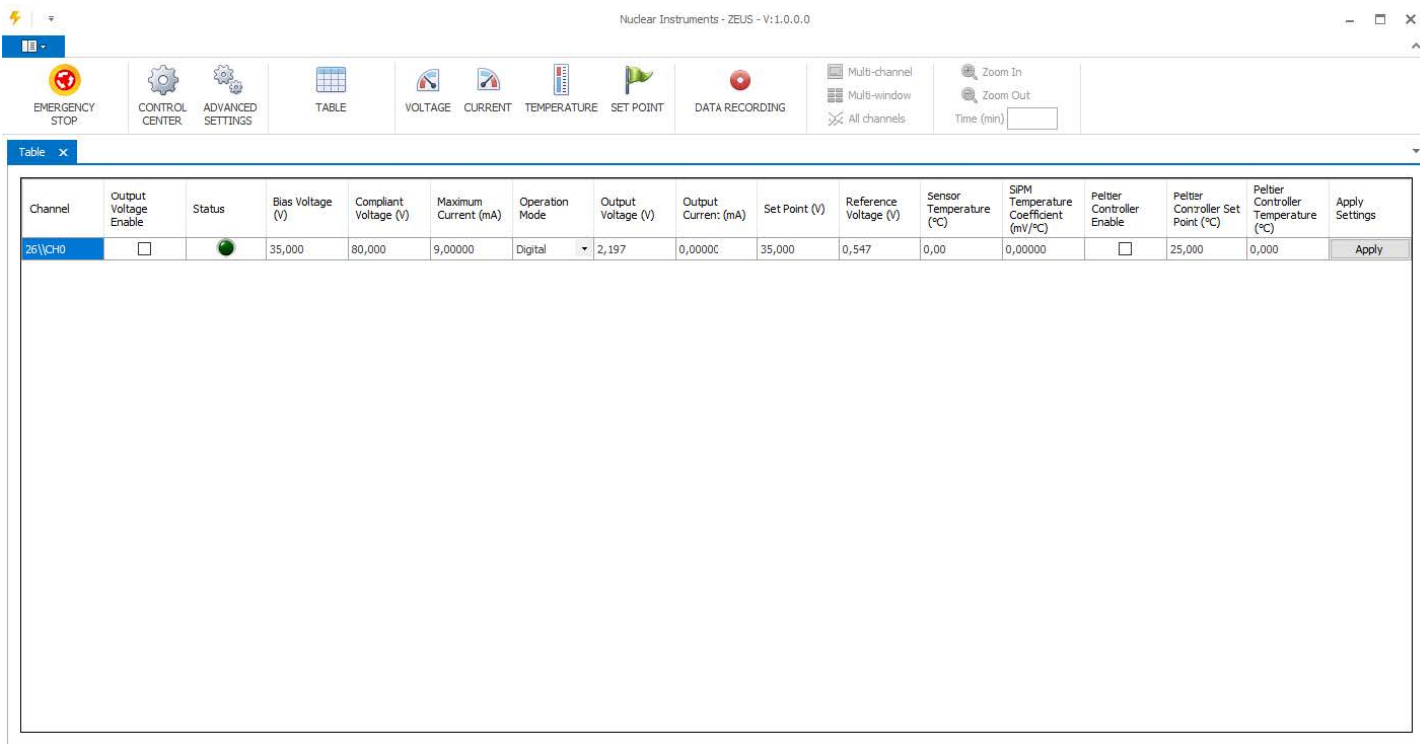


ZEUS2

Control Software for DT5485Px, DT5490 and A7585Px Power Supplies



Features



- Controls multiple A7585, A7585DU, DT5485 and DT5490 modules
- RS232 or USB connection
- User-friendly GUI
- HV out vs. time plot
- Windows and Linux systems supported

Description

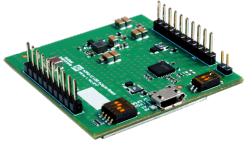
ZEUS2 is a user-friendly Windows/Linux-compatible software designed to control multiple **A7585D**, **A7585DU**, **DT5485P**, **DT5485P** and **DT5490** modules via USB or RS232 (A7585Dx only) connections. It supports Serial, Ethernet, and I2C connections. The software's intuitive GUI allows easy parameter configuration and data logging. Real-time plot features enable monitoring of voltage, current, and temperature, with the option to overlay measurements from multiple modules. ZEUS simplifies temperature LUT compensation programming.

The software's "Tool Bar" offers the following options:

- Quickly turn off the HV output
- Live-time control of voltage, current, and temperature
- Configure operation modes, temperature sensor, calibration, low pass, and peltier filters
- Plot HV output, output current, monitored temperature, and voltage set point vs. time
- Write functional parameter values into a log file

Related Products

A7585D/DU



1 Ch. 85 V/10 mA Digital Controlled SiPM Power Supply (with USB) - PCB Mount

DT5485P/PB



Desktop +85 V/10 mA Digital Controlled SiPM Power Supply with USB

Gallery

Nuclear Instruments - ZEUS - V:1.0.0.0

EMERGENCY STOP CONTROL CENTER ADVANCED SETTINGS TABLE VOLTAGE CURRENT TEMPERATURE SET POINT DATA RECORDING

Multi-channel Zoom In Zoom Out Time (min)

Multi-window All channels

Table

Channel	Output Voltage Enable	Status	Bias Voltage (V)	Compliant Voltage (V)	Maximum Current (mA)	Operation Mode	Output Voltage (V)	Output Current (mA)	Set Point (V)	Reference Voltage (V)	Sensor Temperature (°C)	SPM Temperature Coefficient (mV/°C)	Peltier Controller Enable	Peltier Controller Set Point (°C)	Peltier Controller Temperature (°C)	Apply Settings
26\CH0	<input type="checkbox"/>		35,000	80,000	9,00000	Digital	2,197	0,00000	35,000	0,547	0,00	0,00000	<input type="checkbox"/>	25,000	0,000	Apply

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