

docs

Control Panel / Overview

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Date: 2025-10-30

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Control Panel is a free Windows application that allows you to connect to and configure our products over USB or Ethernet. It provides a user-friendly interface to configure parameters, monitor data, and perform diagnostics.

**INFO**[Download Control Panel](#)

The screenshot displays the Control Panel v. 2.9.52 interface for S/N 21200 Atom Digital. The interface is divided into a left sidebar and a main content area.

Left Sidebar:

- Control Panel v. 2.9.52
- CONNECT USB
- Combined Dashboard
- S/N 21200 Atom Digital (with device icon)
- Scope
- Data Logger
- View/Edit Config File
- Create Config File
- Modbus TCP
- MFG Unlock
- Settings
- About
- Support
- Help us improve

Main Content Area:

- Header:** S/N 21200, A1A080I-0A000-000-00-180-0000, S/N 21200, Id - 212, Ver - 1.0.20. Includes a "Detailed Dashboard" toggle and a "Search parameters" field.
- AC Line Lock loss:** A red banner indicating a fault.
- Stop / Run State:** A toggle switch set to "STOP".
- Fieldbus Setpoint:** A numeric input field set to 10000.
- Temperature:** A green box displaying 31.5 °C.
- Voltage Feedforward:** A red box displaying 0.0, with a range from 0.0 to 480.0. Below it, "Error" is 0.0 and "Output Duty Cycle" is 0.0 %.
- AC Line:** A blue box displaying 0.8 v, with "Frequency" at 0.0 Hz.
- Load:** A red box displaying Voltage (0.0 v), Current (0.0 A), and Resistance (0.0 Ω).
- Control Section:**
 - Setpoint:** A dropdown menu.
 - Alarms:** A status indicator showing "OK".
 - Communication:** A status indicator.
 - Device Profile:** A dropdown menu.
 - Diagnostics:** A status indicator.
- Feedback Section:**
 - Feedback Type:** A dropdown menu set to "Voltage Feedforward".
 - Feedback Read status:** A status indicator showing "OK".
- Firing Mode Section:**
 - Firing Mode:** A dropdown menu set to "SSR - Zero Cross".
- Full Scale Section:**
 - Voltage:** A numeric input field set to 480 V.
 - Current:** A numeric input field set to 80.0 A.
- Limits Section:**
 - Voltage Limit:** A numeric input field set to 700 V.
 - Current Limit:** A numeric input field set to 84.0 A.
 - Current Trip:** A numeric input field set to 240 A.