

FrontPanel SDK



FrontPanel SDK Version 5.0

This is the documentation for FrontPanel SDK Version 5.0. Previous SDK versions are available:

- [FrontPanel SDK Version 4.5](#)

Opal Kelly's FrontPanel software is designed to provide controllability and observability for FPGA designs. It's unique design allows users to describe their own control panels using industry-standard XML descriptions of components such as LEDs, hex displays, push buttons, toggle buttons, triggers, and so on. The components then connect to endpoints within the user's FPGA design. Once connected, the interface details are transparent. FrontPanel handles all interaction between the virtual controls and the FPGA internals. In the end, FrontPanel eliminates the time and effort of interfacing to a design and greatly assists in the external controllability and observability of that design.

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