
GOLDI Axis Portal V2

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Overview:

The GOLDI Axis Portal V2 is an FPGA-driven unit used to control the GOLDI Axis Portal V2 model. The FPGA system provides a standard interface for a microcontroller to control the model by writing data to the FPGA registers.

Calibration procedure:

The GOLDI Axis Portal V2 does not have an initialization or calibration process needed to operate correctly. The system can be used directly after initialization. However, it is recommended to drive the crane to the utmost left and back position and reset the encoders using the control register to get a reproducible encoder position value.

Operation:

The GOLDI Axis Portal V2 is operated by writing the corresponding values into the FPGA registers (See Register Table)