Technical Support
Knowledge Center Open

Communicating With VEE Direct I/O Boxes

KEYSIGHT TECHNOLOGIES

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You must first establish a configuration for the instrument. To do this, select I/O from the menu commands, select Instrument Manager. At the next dialog box, select either an GPIB or a Serial interface (depending upon your choice of communications) and then select Add Instrument. In the Device Configuration box, enter a name for the instrument, the interface type, and then the address. If the interface is HPIB, the first number is the logical address of the GPIB card and the next two numbers represent the GPIB address of the instrument. If the interface is Serial, there is only one number and it represents the logical address of the COM port established in I/O Config of the I/O Libraries.

For Serial communications, select Advanced I/O Config and make sure the communication setting match that of the instrument, e.g. baud rate, handshaking, parity, stop/start bits.

For GPIB communications, select OK.

The title of the new entry should mimic this: Instrument_Name(@702). Instrument_Name corresponds to the name of the instrument given in device configuration, the 7 is the logical address of the GPIB card, and 02 is the GPIB address of the instrument. If the number are replaced by "NOT LIVE", highlight the instrument entry, select Edit Instrument, select Advanced I/O Config, and the turn Live Mode to ON by clicking the Off button.

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