

## STP-IO ISOLATED DIGITAL I/O BOARD



The STP-IO allows for access to the isolated digital input and output lines of the STP100D module. This digital breakout board connects directly to the 37-pin connector on the STP100D, providing access to digital channels 0-7 for digital output and digital channels 8-15 for digital input.

- The first digital input channel is on pin 3 with the final digital input on pin 10.
- The first digital output channel is on pin 37 and the final digital output channel is on pin 30.
- Ground is available on pin 19 and pin 21.

If a connection to SuperLab is required at the same time the STP-IO needs to be used, use CBLSTP-IO to connect both simultaneously.

## CBLSTP-IO SUPERLAB + STP-IO ADAPTER CABLE



Use CBLSTP-IO to connect both a SuperLab system and an STP-IO digital I/O breakout board simultaneously to the 37-pin connector of the STP100D.

One female 37-pin connector is attached to the back of the STP100D. Two male 37 pin connectors then provide one to connect to the STP-IO board and a second for the cable to the SuperLab system.

The length of this “Y” cable is measured from tip to tip. The “Y” cable legs exit the DB37 male Common backshell and are jointly covered for the first three inches for extra strain relief. Please note this when determining a length for your application.