

# Pinout

## J1 - Main Connector

Pin	RS-232	RS-485	CAN	14 Pin Male
1		Secondary Axis I/O 3		
2		Secondary Axis I/O 1		
3		Primary Axis I/O 3		
4		Primary Axis I/O 1		
5		Digital I/O Return		
6	Primary Axis TX	Y		
7		Secondary Axis I/O 2		
8		Digital I/O Return		
9		Primary Axis I/O 2		
10	Secondary Axis RX	B	CANH	
11	Primary Axis RX	A	CANL	
12	Secondary Axis TX	Z		
B	Main Logic and Bus Supply			
A	Main Supply Return			

**Notes:**

For Half Duplex (2 wire) RS-485 slave use signals: Y for Data+ and Z for Data-  
 Half Duplex RS-485 has the master and slave(s) Data + connected together and Data- connected together  
 For Full Duplex (4 wire) RS-485 slave use signals: A for RxD(B)+, B for RxD(A)-, Y for TxD(B)+, Z for TxD(A)-  
 Full Duplex RS-485 has the master Tx connected to slave(s) Rx and master Rx connected to slave(s) Tx



50mm x 50mm SmartStage XY;  
 only one connector for both axes