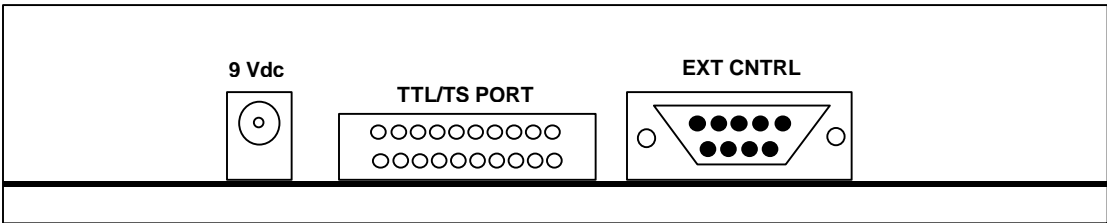


User Guide for the Technovision TC1

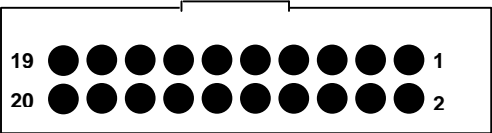
General Information



Power Supply Connector

- ⊖ 9 volts DC center positive
- ⊖ 2.5mm center

TTL/TS PORT (2x10 header)



Pin #	Description
1	VCC (5 VDC)
2	GROUND
3	TTL1 (TTL INPUT/OUTPUT)
4	SENSOR 1 INPUT
5	TTL2
6	GROUND
7	TTL3
8	SENSOR 2 INPUT
9	TTL4
10	GROUND
11	TTL5
12	SENSOR 3 INPUT
13	TTL6
14	GROUND
15	TTL7
16	SENSOR 4 INPUT
17	TTL8
18	GROUND
19	GROUND
20	SENSOR 5 INPUT

EXT CNTRL PORT (DB9M)

(External Control Port)

Pin#	Description
1	NC
2	RX1 RS232 INPUT
3	TX1 RS232 OUTPUT
4	NC
5	Signal Ground
6	NC
7	TX2 RS232 OUTPUT
8	RX2 RS232 INPUT
9	VCC (5 VDC) OUTPUT

The operation of the external control port is determined by the firmware installed within the TC1. Refer to the firmware's operating guide for more information.

Adjusting the sensitivity of the TC1:

The TC1 comes standard with .1μF capacitors mounted in C10 to C14. To make the unit less sensitive, lower the capacitor rating.

When attaching sensor wires, remember that the wires can act as an antenna and should be shielded if you require the active zone to be the touch pad (plate) alone.

Additional product information: www.technovision.com/tc1.html