



Touchscreen Setup and Diagnostics

The following procedure should be performed when:

1. TOUCHSCREEN HAS BEEN REPLACED
2. TOUCHSCREEN IS MALFUNCTIONING

Remove the back cover of the touchscreen cabinet, remove the back panel of the touchscreen exposing the internal circuit boards of the touchscreen. In the right hand corner of the touchscreen is a circuit board with an eight (8) position dip switch.

1. Put switch # 7 up to run diagnostics
2. Power Monitor HT II down, then back up using the circuit breaker.
3. [VIEW POINT SET UP] will appear.
Touch the "A" prompt, and verify the set up is as follows: (if parameters are different change to correct figures)

A. [SERIAL]

WORD LENGTH.....	8 BITS
STOP BITS	2
PARITY	DISABLED
PARITY	ODD
TOUCH "EXIT"	
BAUD RATE	9600
TOUCH "EXIT"	
X ON / X OFF	DISABLED
D.S.R.....	ENABLED
TOUCH "EXIT"	

Touch the "B" prompt and verify the set up as follows:

B. [VIEW POINT OPTIONS]

CURSOR	ENABLED
AUTO CARRIAGE RETURN	DISABLED
AUTO LINE FEED	ENABLED
POWER ON SET UP.....	DISABLED
TOUCH "EXIT"	

Touch the "C" prompt and verify the set up as follows:

C. [ESCAPE SELECT]

CURRENT HEX VALUE	"1B-^[
0 1 2 3 4 5 6 7 8 9 A B C D E F	
TOUCH "EXIT"	

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Touch the “D” prompt and run through diagnostics of the touchscreen.

D. [DIAGNOSTICS] Depress the number next to the test you wish to run.

- 1) CPUPASS
- 2) PAGE PASS (0-6 SOLID, 7-22 BLINKING)
- 3) DISPLAY DOT ALL DOTS DISPLAYED
- 4) STANDARD SETDISPLAYS ALL STANDARD CHARACTERS
- 5) ALTERNATE SET..... DISPLAYS ALL ALTERNATE CHARACTERS
- 6) TOUCH TEST ENTIRE PHOTO CELL MATRIX “PASS”
- 7) COMMUNICATIONS..... WILL NORMALLY FAIL (*)

The communication test must have a loop back connection to work. You must jumper “Tx DATA” to “Rx DATA” and “DATA SET READY” to “CLEAR to SEND”.

On the touchscreen's 25 pin data connector, jumper 2 to 3 and 6 to 20. -OR- at the 34 pin connector from the touchscreen connector to the CPU board, jumper pins 3 to 5 and pins 9 to 14. Either of these will give the necessary loop back connections.

- 8) EXITTAKES YOU BACK TO [VIEWPOINT SETUP]

E. [EXIT]
TOUCH “EXIT”

This will lock in any changes into the RAM that you have made in the menu selections.

- 4. After test, remove jumpers and reconnect cables to their proper locations.
- 5. Return switch # 7 to the down position, reinstall covers on touchscreen and enclosure.
- 6. Turn power “OFF”, then back on to return to normal operations.