

VM16 Plus with Intellex[®]

Touch Tracker[®] Installation Instructions

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About this Guide

This installation guide explains the wiring of the VM16 Plus Touch Tracker with the Intellex Digital Video Management system.

If you need assistance...

Call Sensormatic Customer Support at:
1-800-543-9740

Changes from Prior Version

Significant changes are noted with revision bars in margins.

- Removed references to Call Touch Tracker in Installation Procedure.
- Removed Call Touch Tracker from wiring diagram appearing on page 3.
- Added wiring diagram for Intellex 2.0 units.
- Removed procedure for switching between Primary and Secondary Touch Tracker mode. ***Call (secondary) Touch Trackers are not supported with the Intellex system.***

Parts Required

Touch Tracker Installation Kit

Part Number 0351-0474-03

Description	Qty.	Part No.
Modular cable assy	4.3m	6003-0047-01
Screw, M2.9x9.5	1	5899-0004-102
Anchor, 4-8x.750	2	2880-0083-01
Screw, #8x1	2	2816-7634-44
Conn, 1x5pos	1	2109-0254-04
Lug, 22-16AWG	3	2141-0002
Cable, 3-cond, 18AWG	5m	6002-0024-01
Interconnect box	1	0300-1000-01
Serial cable, DB9M-DB9F	1	6003-0017-05
Hood, D-Sub, 9pos, cable	1	2125-0007-02
Conn, D-Sub, plug, hsg, 9pos	1	2130-0021-01
Contact, pin, D-Sub, 22-26 AWG	1	2103-0092-01



WARNING Shock Hazard!

Disconnect AC Power to the Switch.



CAUTION static sensitive components!

Follow proper handling procedures to prevent component failure.

Installation Procedure

1. Terminate the external interconnect module (EIM) at the end of the SensorNet network. See the diagram on page 3 or 4.

For more information on the SensorNet network, refer to the SensorNet Network Guide (PN 8000-0970-01).

2. Mount the EIM on a wall or other surface within 3m (10') of the Touch Tracker controller.
3. Connect the power transformer and SensorNet cable to J3 on the EIM.
4. Connect the DB9M-DB9F Serial Cable (PN 6003-0017-05) to the DB9 connectors on the EIM and Intellex back panel. Refer to the illustrations on pages 3 or 4 for additional information.
5. Connect the data cable from J1 on the main Touch Tracker EIM to the Remote port at the rear panel of the multiplexer.
6. Connect the modular cable from J2 on EIM to the Touch Tracker controller.
7. Connect the SensorNet cable from the dome to the terminated EIM.
8. Plug the power transformer into a grounded, 3 wire receptacle.

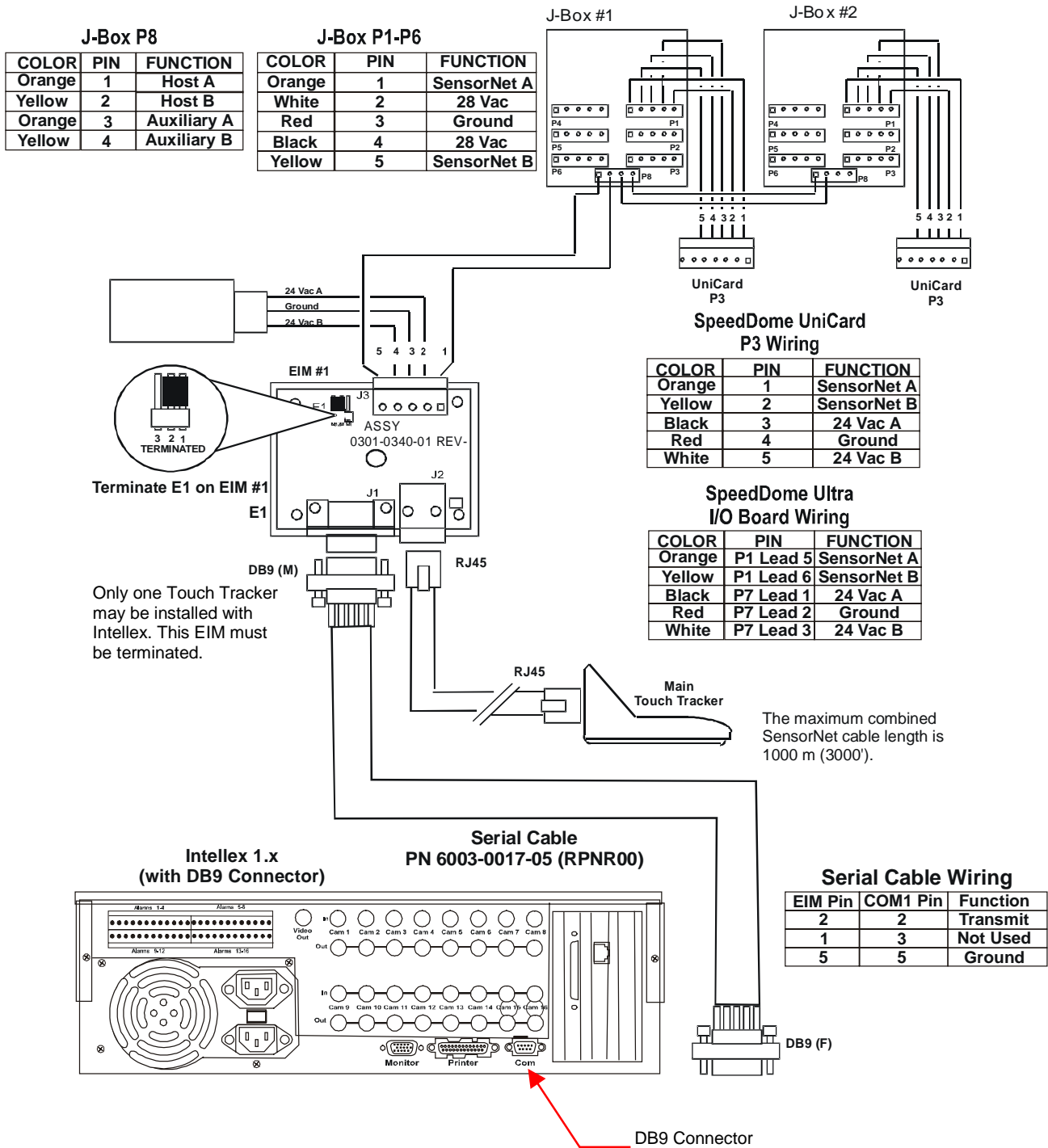
NOTE: If the keypad and backlighting do not illuminate when power is applied, unplug each power transformer and repeat steps 3 through 8.

9. From the Touch Tracker controller, press **Menu** to configure the software for the Intellex system.
10. Using the Tracker Ball, page down the screen to the **Config Devices** menu option.
11. Press the zoom/focus button to select the **Config Devices** menu option.
12. Press **Next** to select the appropriate device for this installation. See the example screen below.

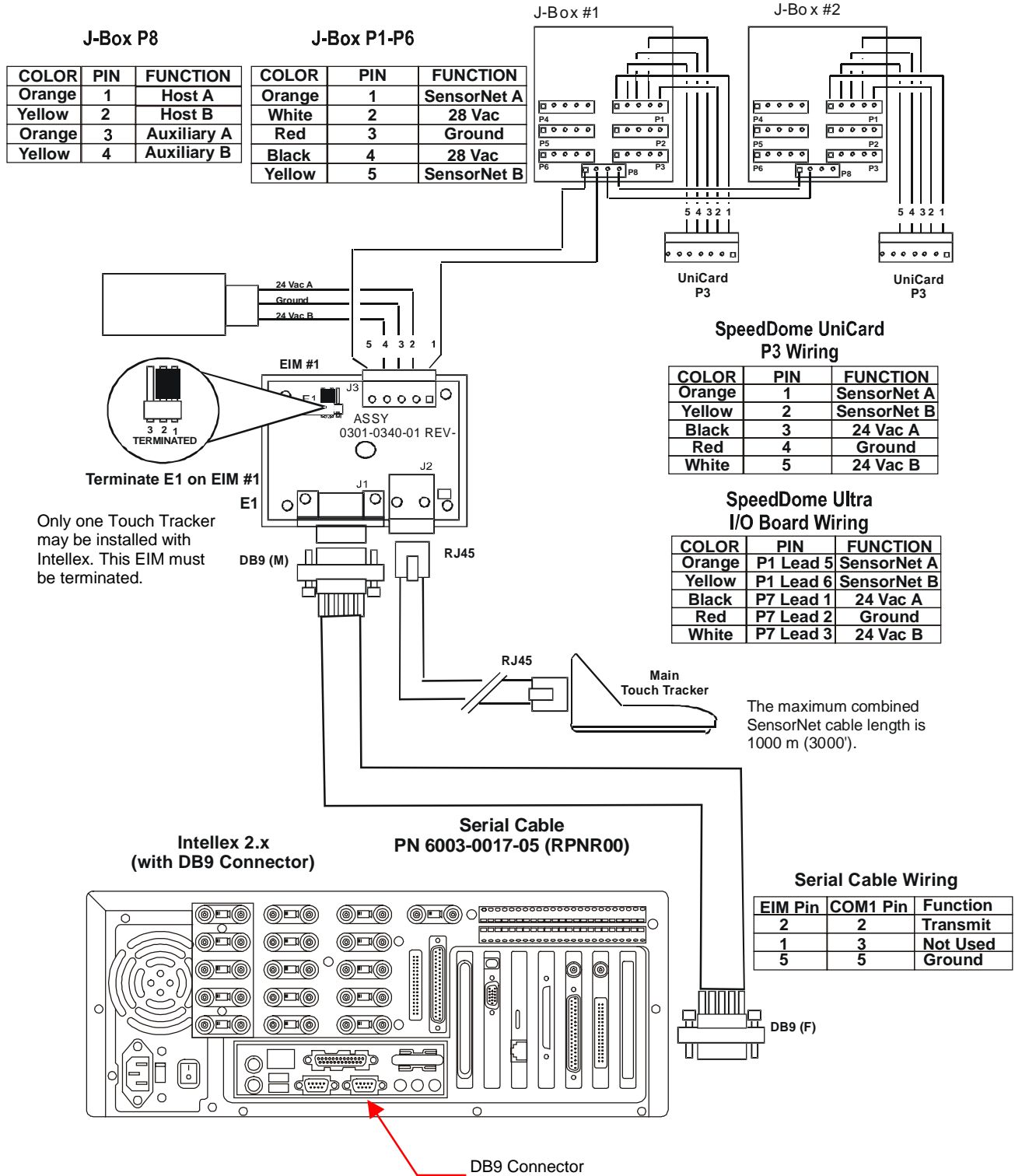
Device = Mux 16
= POSEM

13. Press **Menu** to select the device configuration and return to the Camera Control mode.

Intellex 1.x Connection



Intellex 2.x Connection



Calibrating the Tracker Ball

1. Press **Menu**. The Calibration menu option will appear on the first line.
2. Press the left zoom/focus button (line 1) to select the **Calibration** menu option.
3. Follow the instructions on the LCD screen.
4. Press **Menu** to exit.

If you do not follow each instruction on the screen, the dome may not function properly. Re-calibrate the Tracker Ball if the dome does not pan or tilt properly. *Calibration is only for the TOUCH TRACKER controller.*

Configuring Devices

1. Press **Menu**.
2. Using the Tracker Ball, scroll down to **Config Devices**.
3. Press the left zoom/focus button (line 1) or right zoom/focus button (line 2) to select the **Config Devices** menu option.
4. Press **Next** to step to the device configuration for this installation.
5. Press **Menu** to select the device configuration and exit.

Resetting a Dome

1. Use the number buttons to select the dome to reset, then press **Cam**.
2. Press **Menu**.
3. Using the Tracker Ball, scroll down to **Reset Dome**.
4. Press the left zoom/focus button (line 1) or right zoom/focus button (line 2) to select the **Reset Dome** menu option.

The Touch Tracker sends a request to the selected dome to reboot. After a brief delay, the controller returns to Camera Control Mode.

Toggleing between Zoom and Focus

1. Press **Menu**.
2. Using the Tracker Ball, scroll down to **Toggle Zoom/Focus**.
3. Press the left zoom/focus button (line 1) or right zoom/focus button (line 2) to select the **Toggle Zoom/Focus** menu option.
4. Press **Next** to switch the zoom and focus functions between the right and left buttons.
5. Press **Menu** to exit.

Adjusting V-Phase

1. Press **Menu**.
2. Using the Tracker Ball, scroll down to **Adjust V-Phase**.
3. Press the left zoom/focus button (line 1) or right zoom/focus button (line 2) to select the **Adjust V-Phase** menu option.
4. Press **Next** or **Previous** to observe V-Phase through the oscilloscope or Fluke scope.
5. Press **Menu** to exit.

Off-line domes or fixed cameras will generate a warning beep and disallow use of the V-Phase utility. For additional information on adjusting V-Phase, see the *Service* section of the *View Manager 16 Plus manual*.

Providing System Information

1. Press **Menu**.
2. Using the Tracker Ball, scroll down to **System Info**.
3. Press the left zoom/focus button (line 1) or right zoom/focus button (line 2) to select the **System Info** menu option. The LCD screen displays the following message:

Primary Unit

4. Press **Next** to step through the following messages:

ROM Checksum
0A7B

Pan FSR Calibration Values

Left Right

Min	11	22	33	44
Max	55	66	77	88

Up Down

Tilt FSR Calibration Values

Product Code
F 7000-0020-0102

Indicates Flash PROM

Product Code
E 0701-0010-0105

Indicates EEPROM

5. Press **Menu** to exit.

Performing SensorNet Ping Test

1. Use the number buttons to select a dome to reset, then press **Cam**.
2. Press **Menu**.
3. Using the Tracker Ball, scroll down to **Ping Dome/TTR**.
4. Press the left zoom/focus button (line 1) or right zoom focus button to select the **Ping Dome/TTR** menu option and test the selected dome.
5. Press **Next** to perform the network test on the Primary controller unit.
6. Press **Menu** to exit.

Off-line domes or fixed cameras will generate a warning beep and disallow use of the SensorNet network test.