



SMARTER PARKING
for SMART CITIES™

STEREOSCOPIC SENSOR MANUAL

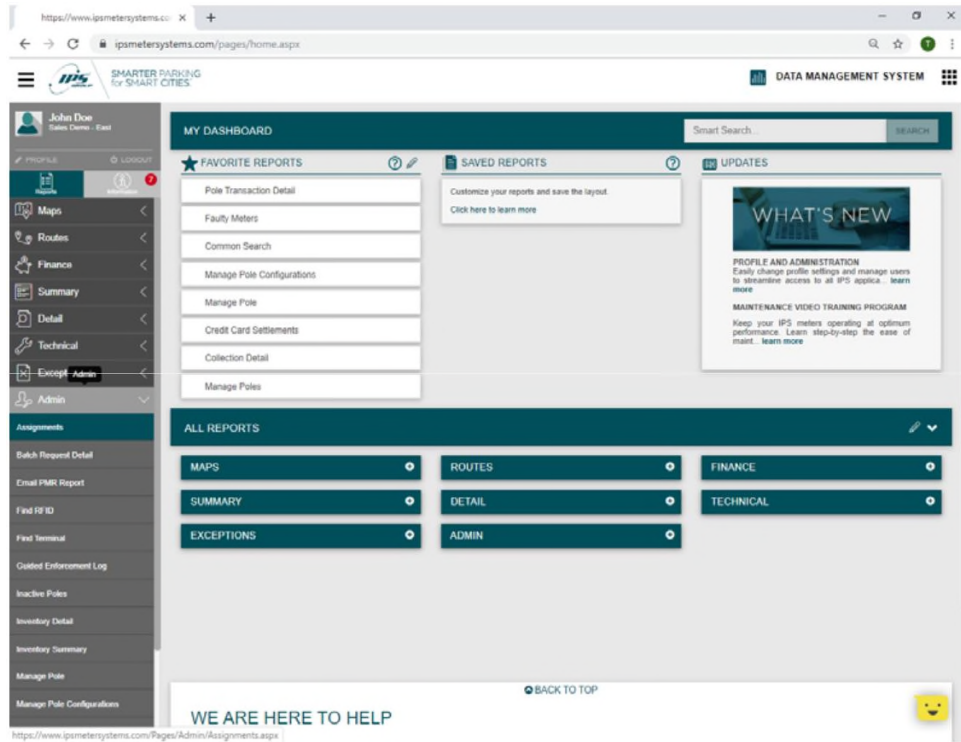
Assignment and troubleshooting

Richard Schultz

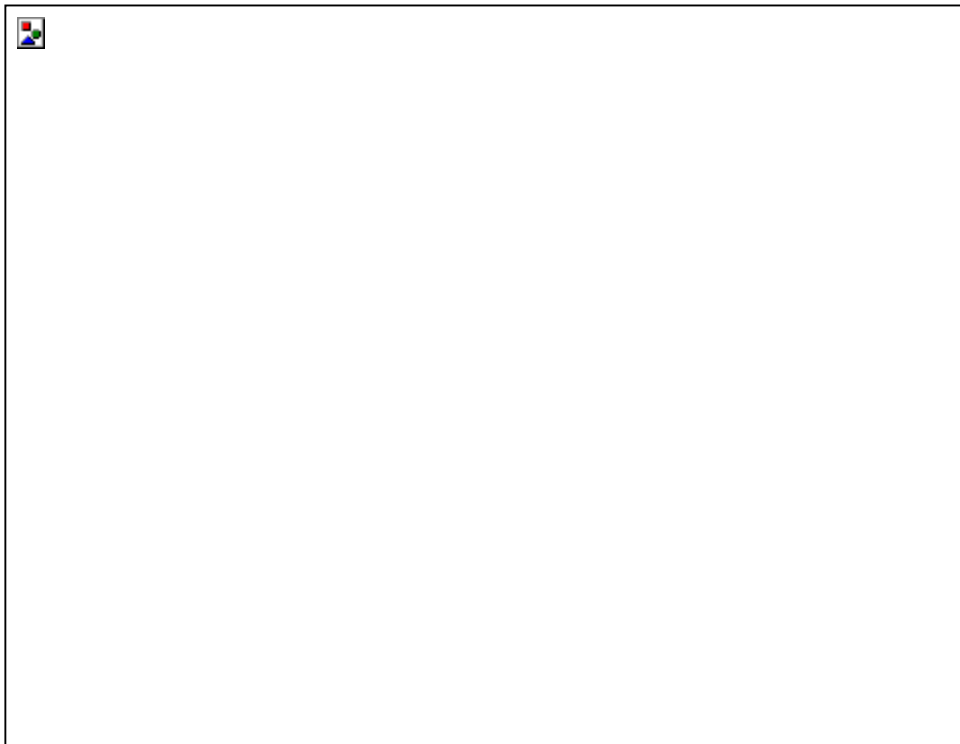
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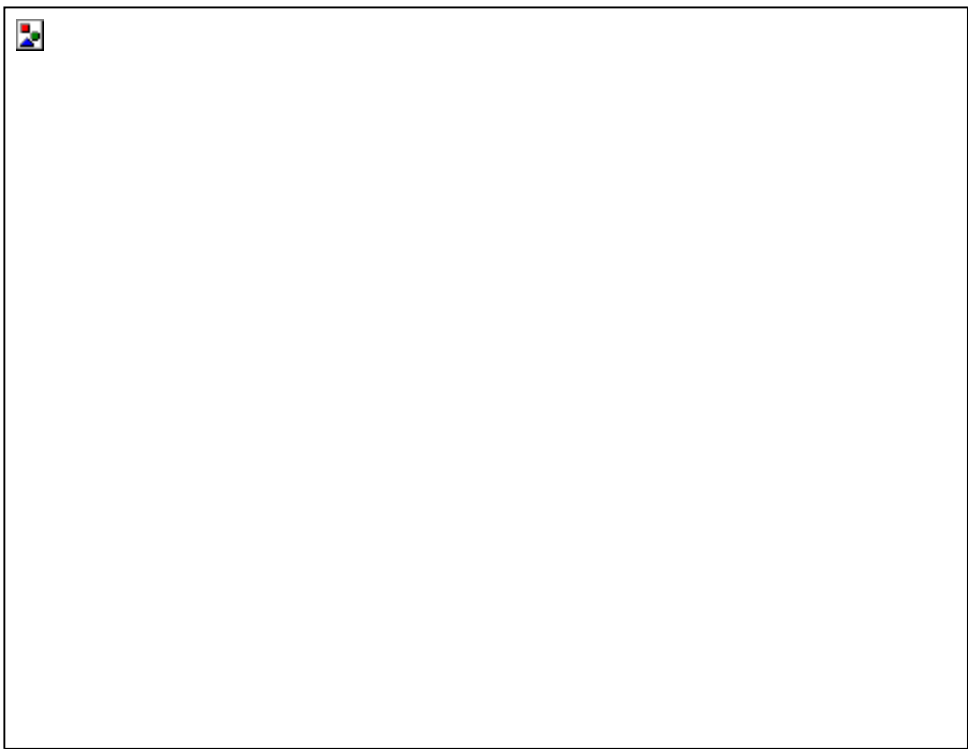
How to Assign a Sensor



Log into the DMS and Select Admin > Assignments



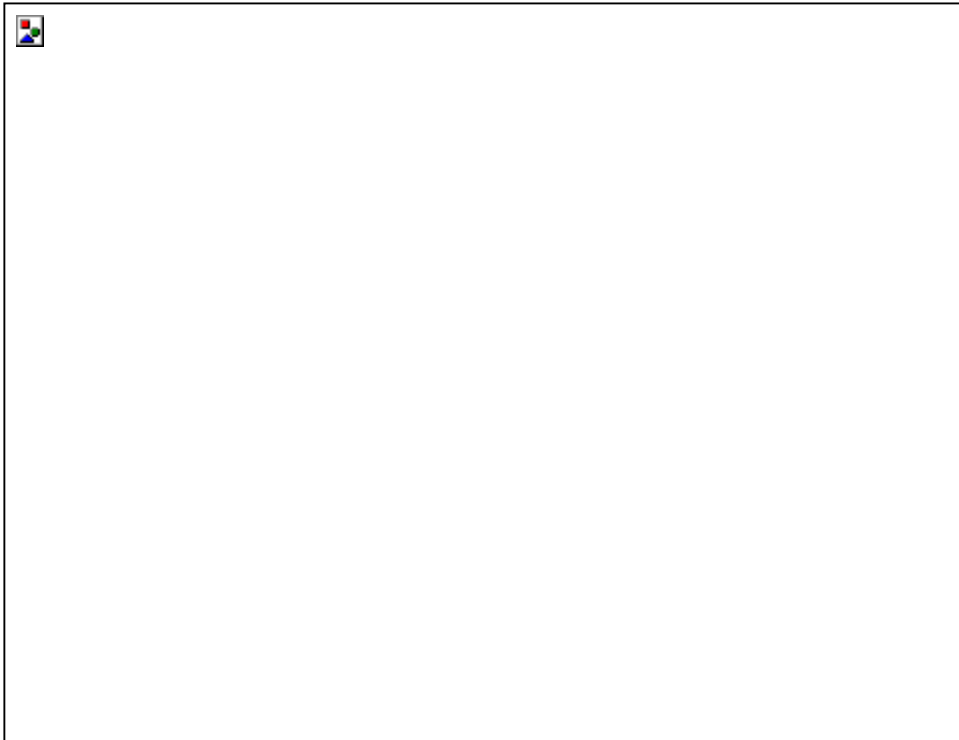
Click on the Assign Sensors box.



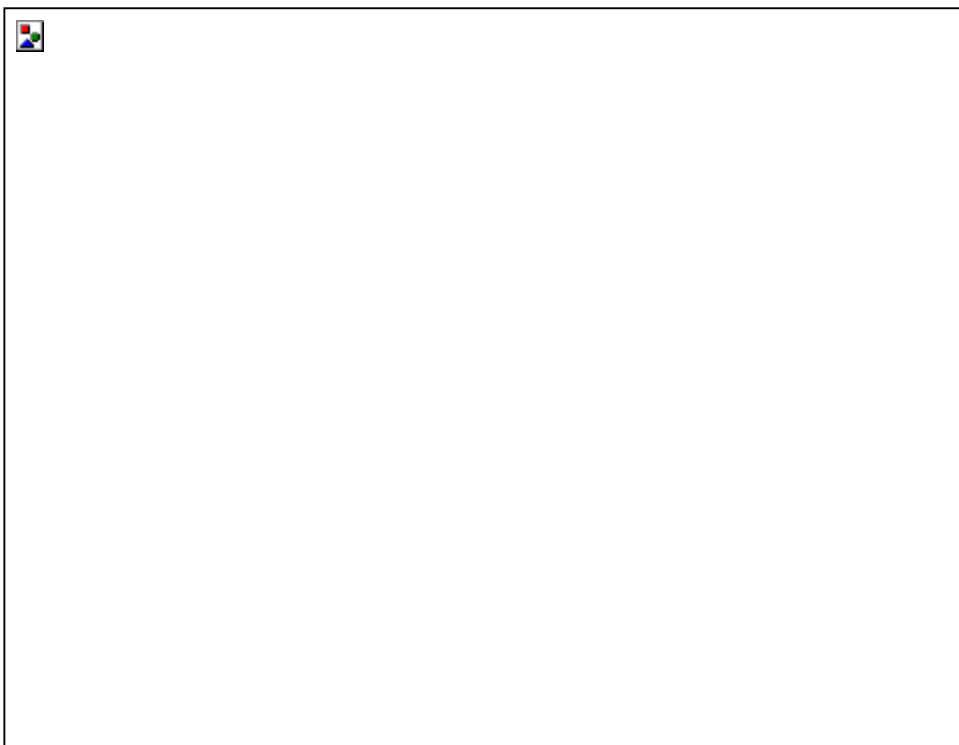
Select the appropriate Zone, Area, Sub Area and Click the Search button.



Locate the desire pole and Click the yellow pencil to Edit.



Go to New Sensor, Select the correct sensor, and Click the Floppy Disk icon to save.



The sensor has now been assigned to the pole.
Terminal will need to call in to receive this sensor binding code and to establish communication with the sensor.

Sensor Troubleshooting

Step 1:

Verify sensor board is installed and battery is at a sufficient level

- ☐ M5 – ensure there is a receiver (radio or BLE) installed in the terminal
- ☐ M5 > 3100mv – if below 3100mv replace terminal

Step 2:

Reset Terminal

- ☐ Pull jumper to drain battery/reset terminal (m5)

Step 3:

Restart terminal and Manually Call in terminal

- ☐ Plug in jumper (m5) reconnect battery
- ☐ Enter diagnostic mode – use button or diagnostics card
- ☐ Scroll to comms test hit OK to start

Step 4:

Set/read binding code

- ☐ Enter car sensor menu
- ☐ Hit OK then Cancel
- ☐ Scroll to car sensor menu hit OK to enter
- ☐ Scroll to “Set Binding Code” hit ok (if you see done continue to next step, if you cannot get “done” and it just keeps timing out the sensor board in the terminal is probably disconnected or bad)
- ☐ Scroll to “Read Binding Code” hit ok (if you see done continue to next step, if you cannot get “done” and it just keeps timing out the sensor board in the terminal is probably disconnected or bad)

Step 5:

Verify sensor has connected (can take 1min to 1day)

- ☐ Enter car sensor menu
- ☐ Hit OK then Cancel
- ☐ Scroll to car sensor menu hit OK to enter
- ☐ Screen 1 (connection screen) will show connection YES or connection NO

Step 5a:

If no connection is established swap terminal with the closest working sensor enabled terminal

(this will let u know if the problem follows the meter or stays at the pole.)

- ☐ Enter Diagnostic mode, run meter swap (pole 1)
- ☐ Enter Diagnostic mode, run meter swap (pole 2)
- ☐ Reset terminal "step 2" (pole 1)
- ☐ Reset terminal "step 2" (pole 2)
- ☐ With the terminals still powered off, Swap the terminals
- ☐ Restart Terminal 1 and manually call it in "step 3"
- ☐ Restart Terminal 2 and manually call it in "step 3"
- ☐ Set and Read the binding codes "step 4" (pole 1)
- ☐ Set and Read the binding codes "step 4" (pole 2)
- ☐ Verify connection "step 5"

If the sensor at pole 1 is now connected and the sensor at pole 2 is not connected the issue

followed the terminal, replace the terminal

If the sensor at pole 1 is not connected and the sensor at pole 2 is still connected the issue stayed at the pole, replace sensor

Legal and Compliance Notices

FCC Interference Statement (Part 15.105 (b))

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

2) FCC Part 15 Clause 15.21:

"Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment"

3) FCC Part 15.19(a):

"This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

4) ISED RSS-Gen Notice:

"This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device."

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) l'appareil ne doit pas produire de brouillage;

2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

5) ISED Canada ICES-003 Compliance:

"CAN ICES-3 (B)/NMB-3(B)"

6) RF Exposure Guidance

In order to comply with FCC / ISED RF Exposure requirements, this device must be installed to provide at least 20 cm separation from the human body at all times.

"Afin de se conformer aux exigences d'exposition RF FCC / ISED, cet appareil doit être installé pour fournir au moins 20 cm de séparation du corps humain en tout temps."