DishPointer App

Technician
1/28/13

Overview

The new Smart Mobility Device has many applications and features that make your job easier and more efficient. One of these applications is DishPointer. This app is located on the device's home screen and combines camera and GPS technology to show you orbital when checking for line of sight.

What Changed

The DishPointer app uses state of the art technology to streamline your work in the field. One of the great things about this tool is that it is built into your Smart Mobility Device so you will have it with you at all times. DishPointer can be used in place of your current inclinometer. However, your inclinometer is still the standard and will remain a tech tool.

Why It's Important

Ensuring clear line of sight is vital to providing our customer with quality service. The DishPointer app is a quick, easy, and effective way to check for line of sight. This tool can also help document any line of sight issues by capturing screenshots and allowing you to send the images to your manager for support. If the customer has any questions about the dish placement, this feature is also useful to explain why the dish needs to be placed in a certain location.

What I Need to Do

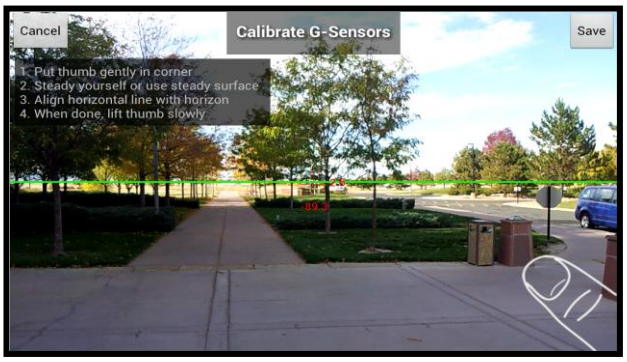
1. Select the DishPointer app from the Smart Mobility Device home screen
2. The G-Sensors detect the angle at which you are holding the device, follow these steps to calibrate the sensors
    a. Hold the phone in landscape orientation
    b. Select the "Settings" button
    c. Select "Calibrate" at the bottom of the page

Hold the device at a 90-degree angle from your body

    d. Place and hold your thumb gently in the bottom right corner of the screen to start the calibration
    e. Align the green line with the horizon, holding your arm steady as if you are taking a picture of the horizon
        i. If you cannot see the horizon, hold the Smart Mobility Device steady with your arm straight, at a 90 degree angle from your body, parallel to the ground
    f. When you've aligned the horizon, lift your thumb from the screen to calibrate the skew and horizon simultaneously
        i. The red crosshair should line up with the green line. The X-axis should be approximately 0.0 and the Y-axis should be approximately -90.0. Press "Save"

NOTE: The DishPointer app must be calibrated before each use. Follow the instructions above, do not use the calibration instructions found under the *Settings* tab in the app.

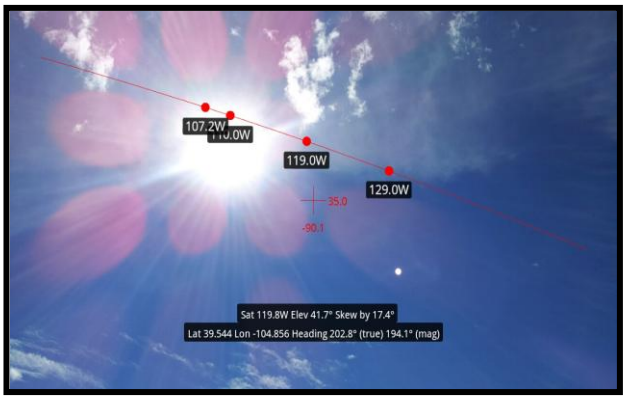
DishPointer App



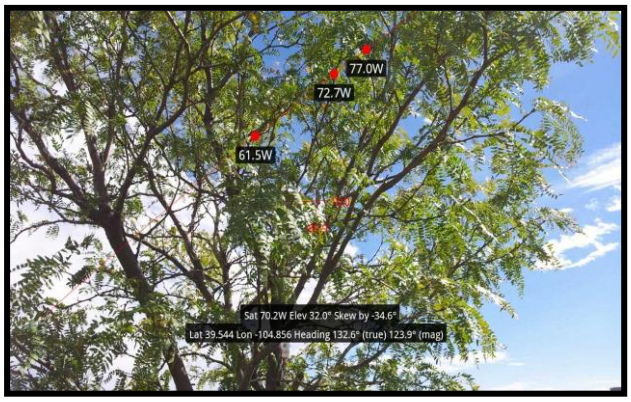
Calibration Screen

3. Hold the Smart Mobility Device in the landscape orientation and point the camera towards the southern sky. The screen will show the various satellite locations

4. Once you locate the desired satellites, make sure you have clear line of sight



Clear Line of Site



Obstructed Line of Site

To capture and send screenshots from the DishPointer application:

1. Press “Capture” and then “E-Mail” at the bottom of the screen
2. When the “E-Mail To:” window appears, press “Yes”
3. Choose “Messaging” from the “Mail Screenshot” window
4. Enter the mobile phone number or email address you would like to send the screenshot to and press “Send”

NOTE: Like any inclinometer, the DishPointer app uses a magnetic compass. Avoid using DishPointer near large metal objects.