

Application

ReconOS Intents

Note

A list of all Intents specific to ReconOS

ReconOS includes extra functionality specific to the Recon Jet Pro hardware. This functionality is exposed through the use of the Intents in this document.

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Usage

ReconOS contains a number of useful built-in activities that you can launch from inside of your own applications. These available activities can aid you with things such as taking a picture and returning the image data back to your app, and many more functions. In order to launch these activities from your own apps, you can simply call the corresponding Intent.

For example launching the Intent "com.reconinstruments.compass.CALIBRATE" ensures that the user will calibrate Jet Pro's compass. The calibration step is part of a typical initial setup flow in consumer ReconOS, but without the intent, a custom launcher would need to re-implement this step from scratch.

NOTE: The Enterprise Launcher sample code does not call this Intent.


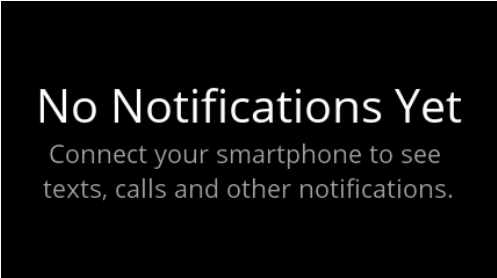
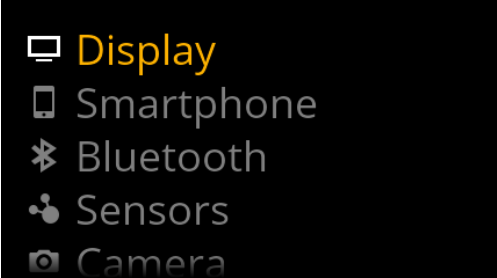
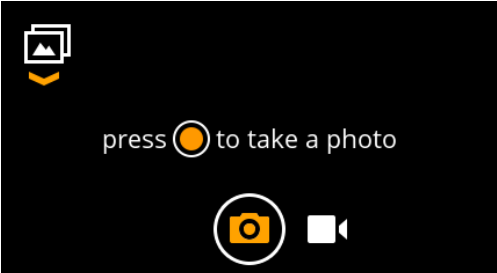



Example

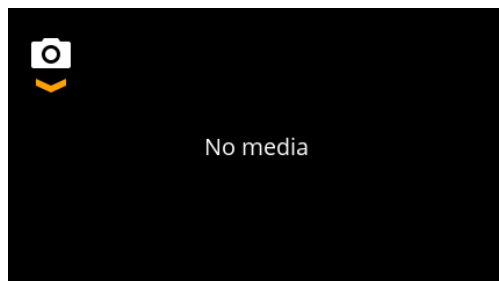
In the body of the MainActivity we will override the onKeyUp() method:

```
@Override
public Boolean onKeyUp(intkeyCode, KeyEvent event) {
    Intent intent = new Intent("com.reconinstruments.camera");
    startActivity(intent);
    return true;
}
```

By running the sample above, once any button is pressed, or the optical touchpad is swiped in any direction, the camera app will launch. Try replacing the "com.reconinstruments.camera" Intent above with any of the Intents documented in the following table.

List of available ReconOS Intents

 <p>CONNECT SMARTPHONE</p> <p>Choose the smartphone type you would like to connect with.</p> <p>iPhone Android</p>	<p>Phone connection</p> <p>INTENT: <i>com.reconinstruments.connectdevice.CONNECT</i></p> <p>A wizard to connect Jet Pro to an iPhone or Android smartphone via Bluetooth.</p>
 <p>No Notifications Yet</p> <p>Connect your smartphone to see texts, calls and other notifications.</p>	<p>Notification Center</p> <p>INTENT: <i>com.reconinstruments.messagecenter.frontend</i></p> <p>Displays a list of the notifications generated by apps on Recon Jet. If paired to an iPhone or Android smartphone, text messages and calls will also be shown here.</p>
 <p>Display Smartphone Bluetooth Sensors Camera</p>	<p>ReconOS settings</p> <p>INTENT: <i>com.reconinstruments.jetappsettings.settings</i></p> <p>ReconOS settings menu provides a user with ability to control system settings and to connect to external Bluetooth LE (BLE) or ANT+ sensors</p>
 <p>press  to take a photo</p> <p> </p>	<p>Camera app</p> <p>INTENT: <i>com.reconinstruments.camera</i></p> <p>Allows the user to capture photos and videos.</p>

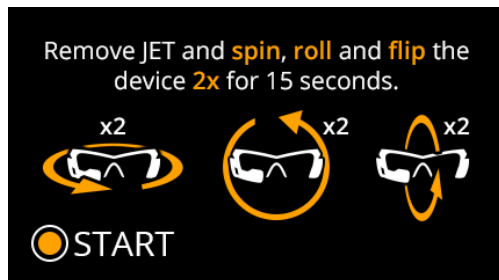


Gallery app

INTENT:

com.reconinstruments.camera.gallery

Displays a list of photos and videos for easy viewing and playback.

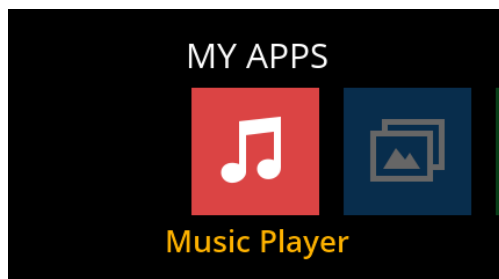


Compass

INTENT:

com.reconinstruments.compass.CALIBRATE

Launches an interactive calibration wizard for Jet Pro compass.

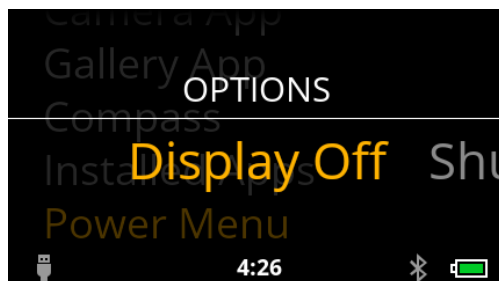


Installed apps

INTENT:

com.reconinstruments.jetappsettings.app

Displays a list of all apps (both first and third-party) installed on Jet Pro.



Power Options menu

INTENT:

com.reconinstruments.power.RECON_POWER_MENU

Allows the user to power off the display or to shut down Jet Pro.