

X9 Volume Measurement User Development Guide

1. Purpose

This document is intended for mobile intelligent volume data collector users to write upper-level applications.

2. Operating environment

Android API version: 9 and above.

3. Upper layer call interface

3.1 Get volume parameter data

Call the interface example:

1. Start volume measurement page

```
Intent intent = new Intent();

ComponentName componentName = new
ComponentName("com.neolix.cubingdemo",
"com.neolix.cubingdemo.MainActivity");

intent.setComponent(componentName);

intent.putExtra("isFinished", true);

ResultActivity.this.startActivityForResult(intent,
GET_VOLUME_RESULT_REQUEST_CODE);
```

2. Get the volume measurement results

```
@Override

protected void onActivityResult(int requestCode, int
resultCode, Intent data) {

    if (requestCode == GET_VOLUME_RESULT_REQUEST_CODE &&
resultCode == RESULT_OK && data != null) {

        double length = data.getFloatExtra("LENGTH", 0);
```

```
        double width = data.getFloatExtra("WIDTH", 0);  
        double height = data.getFloatExtra("HEIGHT", 0);  
        double volume = data.getFloatExtra("VOLUME", 0);  
    }  
  
    super.onActivityResult(requestCode, resultCode,  
data);  
}
```