



Barcode Scanner API

user guide

The aar/so/jar file is in the "Barcode_SourceCode/app/libs" directory.

General mode

Brief description:

Need to enable Scan (Settings-Scan-Enable scan)

Need "scandecode-release.aar" file

1. Initialize scan service

```
void initService(String s);
```

Function	required	Class	explain
s	ture	String	Whether to Shield Hotkeys to Trigger Bar Code Scanning

2. Star barcode scanner

```
void starScan();
```

3. Stop barcode scanner

```
void stopScan();
```

4. Get the result of barcode scanning.

```
void getBarCode(OnScanListener scanListener);
```

返回示例

```
Java scanDecode.getBarCode(new ScanInterface.OnScanListener() {
    @Override
    public void getBarcode(String data) {
        scancount =1;
        tvcount.setText(getString(R.string.scan_time) scancount "");
        mReception.append(data "\n");    } //Return the barcode scanning result
    @Override
    public void getBarcodeByte(byte[] bytes) {
        // Return byte decoded data, requiring OS support
    }});
```

Broadcast mode

Receiving broadcast

```
private String RECE_DATA_ACTION = "com.se4500.onDecodeComplete";
```

Call Barcode scan

```
private String START_SCAN_ACTION = "com.geomobile.se4500barcode";
```

Stop Barcode scan

```
private String STOP_SCAN="com.geomobile.se4500barcode.poweroff";
```

The registration system of radio reception, barcode scanning data

```
iFilter.addAction(RECE_DATA_ACTION)
```

```
registerReceiver(receiver, iFilter)
```

Whether to Shield Hotkeys to Trigger Bar Code Scanning

```
private void judgePropert() {
```

```
    String result = SystemProperties.get("persist.sys.keyreport", "true");
```

```
    if (result.equals("false")) {
```

```
        new AlertDialog.Builder(this)
```

```
            .setTitle(R.string.key_test_back_title)
```

```
            .setMessage(R.string.action_dialog_setting_config)
```

```
            .setPositiveButton(
```

```
                R.string.action_dialog_setting_config_sure_go,
```

```
                new DialogInterface.OnClickListener() {
```

```
                    @Override
```

```
                    public void onClick(DialogInterface dialog,
```

```
                        int which) {
```

```
                            // TODO Auto-generated method stub
```

```
                            Intent intent = new Intent(
```

```
Settings.ACTION_ACCESSIBILITY_SETTINGS);
```

```
                            startActivityForResult(intent, 1);
```

```
                        }
```

```
                    })
```

```
            .setNegativeButton(R.string.action_exit_cancel,
```

```
            new DialogInterface.OnClickListener() {
```

```
                @Override
```

```
                public void onClick(DialogInterface dialog,
```

```
                    int which) {
```

```
                        // TODO Auto-generated method stub
```

```
                        finish();
```

```
        }  
        }  
        ).show();  
    }  
}  
  
private void startScan() {  
    Intent intent = new Intent();  
    intent.setAction(START_SCAN_ACTION);  
    sendBroadcast(intent, null);  
}  
android.content.Intent intent) {  
    String action = intent.getAction();  
    if (action.equals(RECE_DATA_ACTION)) {  
        String data = intent.getStringExtra("se4500");  
        mReception.append(data+"\n");  
        if (isRepeat) {  
            cancelRepeat();  
            repeatScan();  
        }  
    }  
}  
}
```

BarCode Scanning Hotkey Control

Brief description:

Need "SystemProperties.jar" file.

Turn on/off Hotkey Scanning

persist.sys.keyreport

Barcode scanning results are output to cursor focus

persist.sys.keyreportshow

Turn on/off warning tone

persist.sys.playscanmusic

Turn on/off vibrate

persist.sys.scanvibrate

Barcode scanning results, with keys

persist.sys.keywithoutkey

true false

persist.sys.keytab with tab key

persist.sys.keyenter with enter key

Example

```
if(ReportshowisChecked){
    SystemProperties.set("persist.sys.keyreportshow","true");
}else{
    SystemProperties.set("persist.sys.keyreportshow","false");
}
```

```
if(PlayMusicisChecked){
    SystemProperties.set("persist.sys.playscanmusic","true");
}else{
    SystemProperties.set("persist.sys.playscanmusic","false");
}
```



Newland EMEA HQ
+31 (0) 345 87 00 33
info@newland-id.com
newland-id.com

Need more info? Contact us or one of
our partners at newland-id.com/partners