

# Android Handheld UHF API Instructions

## 1.4 UHF-ISO1800-6C

### 1.4.1 getInstance()

Function	<b>UhfManager getInstance()</b>
Description	Get Uhf manager instance and open device
Parameter	void
Return	Uhf manager instance

### 1.4.2 getFirmware()

Function	<b>byte[] getFirmware()</b>
Description	Get firmvare version
Parameter	void
Return	Version information

### 1.4.3 setOutputPower()

Function	<b>boolean setOutputPower(int value)</b>
Description	Set antenna power gain
Parameter	Power value
Return	True: set success False: set failure

Note: Scope of value.

### 1.4.4 inventoryRealTime()

Function	<b>List&lt;byte[]&gt; inventoryRealTime()</b>
Description	Real-time get uhf epc list
Parameter	void
Return	Epc list

### 1.4.5 selectEPC()

Function	<b>void selectEPC(byte[] epc)</b>
Description	Select epc
Parameter	epc
Return	void

### 1.4.6 readFrom6C()

Function	<b>byte[] readFrom6C(int memBank, int startAddr, int length, byte[] accessPassword)</b>
Description	Read tag data
Parameter	Membank , start address , read length , password
Return	Tag data

#### 1.4.7 writeTo6C()

Function	<b>boolean writeTo6C(byte[] password, int memBank, int startAddr, int dataLen, byte[] data)</b>
Description	Write data into iso-1800-6c tag
Parameter	password , Membank , start address , data length , data
Return	True: write success False: write failure

#### 1.4.8 setWorkArea()

Function	<b>int setWorkArea(int area)</b>
Description	Set device work area
Parameter	Work area
Return	0:set success Other: set failure

Note: American standard by default. Generally do not need to be modified.

#### 1.4.8 getFrequency()

Function	<b>int getFrequency()</b>
Description	Get module work frequency
Parameter	void
Return	Frequency

#### 1.4.8 setFrequency()

Function	<b>int setFrequency(int startFrequency, int freqSpace, int freqQuality)</b>
Description	Set frequency
Parameter	Start Frequency, frequency Space, frequency Quality
Return	0:set success Other: set failure

Note: American standard by default. Generally do not need to be modified.