

FS02/FS01 bluetooth scanner

SDK user's Guide

One、SDK library API function details (need to include the header file ScannerSDK.h in the project) .

1、The Bluetooth List dialog box pops up.

Function prototype: - (void) popUpBluetoothDialog;

Parameter Description: No parameter.

Function: pop up the surrounding Bluetooth peripheral list, click the list option to connect the Bluetooth device.

2、Write data to the Bluetooth peripheral.

Function prototype: - (void)writeData:(NSData *)data;

Parameter Description: This function has an parameter data of NSData type, which the data written to the peripheral.

Function: Send data to the peripheral.

3、Disconnect the Bluetooth device

Function prototype: - (void)disconnect;

Parameter Description: No parameter.

Function: Disconnect the connected Bluetooth device.

4、List the scanner's function list.

Function prototype: - (void)setDeviceFunction:(UIView *)view;

Parameter Description: UIView type parameters view, view means to join the view interface.

Function: Show the scanner's function list to the view interface.

5、Reconnect the peripherals

Function prototype: - (void)reconnectDevice;

Parameter Description: No parameter.

Function: Reconnect the last disconnected Bluetooth device.

Two、Proxy methods description (need to implement the agent <PackageDelegate> in the controller or class, and implement the following five delegate methods).

1、Received Bluetooth data.

Function prototype: - (void)RecivedData :(NSString *)data;

Parameter Description: The parameter data is the data of the received NSString type.

Function: Data is received from the peripheral scanner.

2、Determine if Bluetooth is connected.

Function prototype: - (void)ConnectBLESuccess : (BOOL)isConnect.

Parameter Description: IsConnect is a Boolean type of parameters, is to determine whether the success of the Bluetooth standard, if true, said the Bluetooth connection is successful.

Function: Determine if the connection to the Bluetooth peripheral is successful.

3、Determine whether the Bluetooth connection failed.

Function prototype: - (void)ConnectBLEFailed : (BOOL)connectFail;

Parameter Description: OnnectFail is a boolean type parameter, is to determine whether the failure of the Bluetooth connection standard, if true, said the Bluetooth connection failed.

Function: Determine whether the connection to the Bluetooth peripheral has failed.

4、To determine whether the Bluetooth connection is disconnected.

Function prototype: - (void)DisconnectedBLE : (BOOL)disconnect;

Parameter Description: Disconnect is a Boolean type of parameters, is to determine whether the Bluetooth disconnect, if true, said the Bluetooth connection has been disconnected.

Function: Determine whether the connection to the Bluetooth peripheral is disconnected.

5、Determine whether the reconnection failed.

Function prototype: - (void)ReConnectBLEDevice: (BOOL)reconnect;

Parameter Description: Reconnect is a boolean type parameter that is used to determine whether the Bluetooth connection fails or not, and if it is false, the Bluetooth connection fails.

Function: To determine whether to re-connect Bluetooth failure (Note: If the success of this function is not real-time feedback, only re-failure can be real-time feedback, reconnection success in the function - (void) ConnectBLESuccess: (BOOL) isConnect get real-time feedback).

Three、SDK usage (with four files).

First:Framework Demo file is the sample project file used by the SDK, which is the method and process used by the SDK;

Second: ScannerSDK.framework is the packaged SDK static library, which needs to be copied to the project directory and imported into the project;

Third: image file is the UI of the project, and needs to Introduce to the project when it is used;

Fourth: iosBIM_SDK specification file is the scanner's SDK usage.

Summary(3 steps):

First, import the ScannerSDK.framework static library into the project;

then, import the UI file “image” into the project;

finally, include the header file #import <ScannerSDK / ScannerSDK.h> in the used controller or class and call the function In the SDK and implement the delegate method.