

WatchBP Home API Demo

I. WatchBP Home All Command

WatchBP Home (Ver 1.0)

Key: **tb_key** Check **Register the SDK**

1 Step1: Check the version of the device (12 16 18 3E) and confirm the communication. Please decode to enable other btn function.

Disconnected!

2 Step2: Read datetime of the device (12 16 18 26)

3 Step3: Send PC Datetime (12 16 18 27)

4 Step4: Read usual data (12 16 18 28)

5 Step5: Read diagnostic data (12 16 18 29)

Set ID or Clear data

ID: **tb_id**
(ID should only contain alphanumeric characters)

Step5. Set ID (12 16 18 23)

Clear Data

Step7: Read ID (12 16 18 24) and decode

Step8: Clear data
usual diagnostic all

Data
listBox_data

Decode

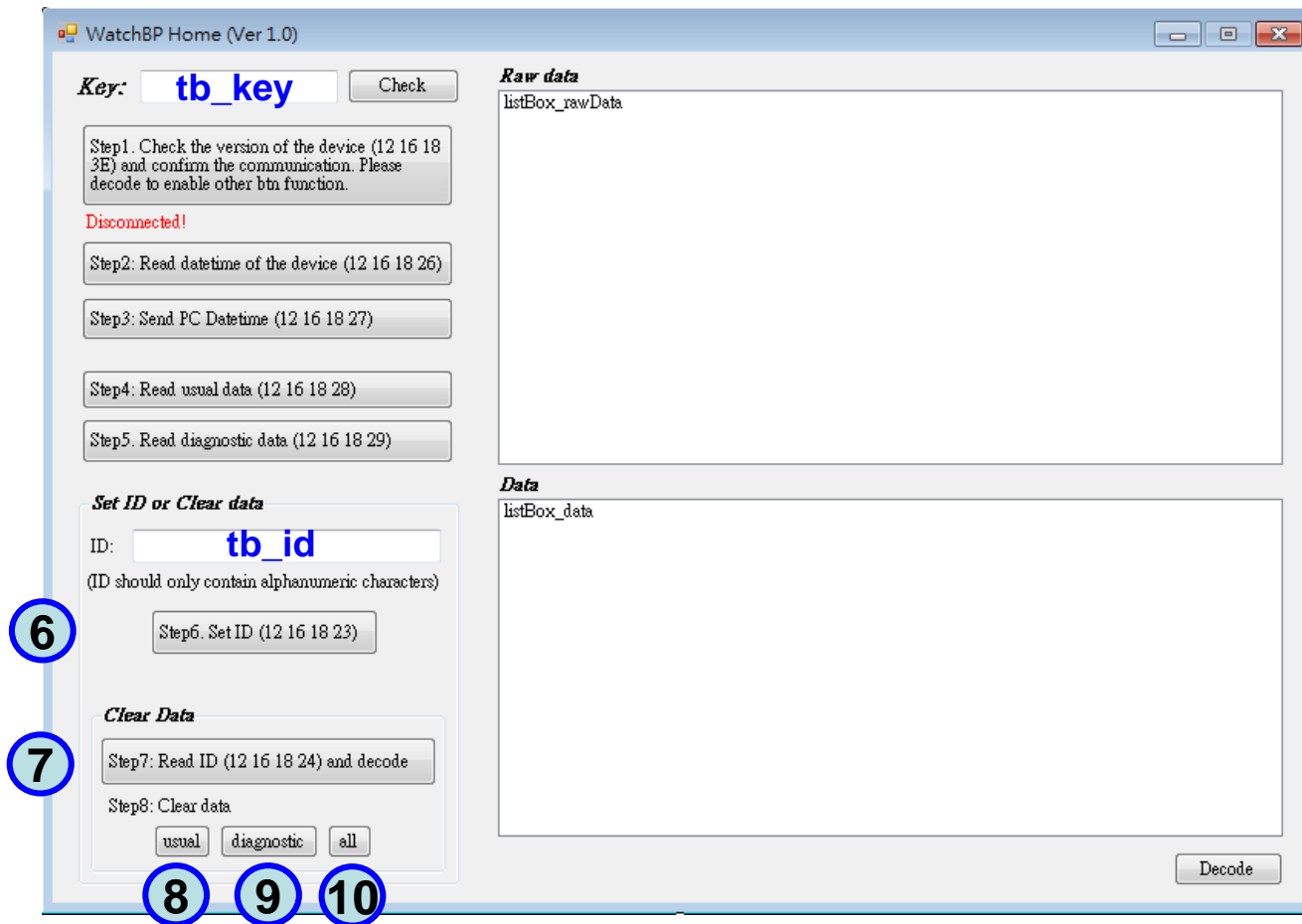
Register the SDK

watchBPHomeHid.InitWatchBPSDK(tb_key.Text)
(API document 1.6.1.)

- 1 **WriteCmd (WatchBPO3Hid.CmdEnum.RequestDeviceVer)**
(API document 1.6.2.)
- 2 **WriteCmd (WatchBPO3Hid.CmdEnum.ReadDeviceDateTime)**
(API document 1.6.3.)

- 3 **WriteCmd (WatchBPO3Hid.CmdEnum.SendPCDateTime)**
(API document 1.6.4.)
- 4 **WriteCmd (WatchBPO3Hid.CmdEnum.ReadUsualData)**
(API document 1.6.5.)
- 5 **WriteCmd (WatchBPO3Hid.CmdEnum.ReadDiagnosticData)**
(API document 1.6.6.)

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6 SendIDAndClearData (tb_id.Text, false, false)
(API document 1.6.7.)

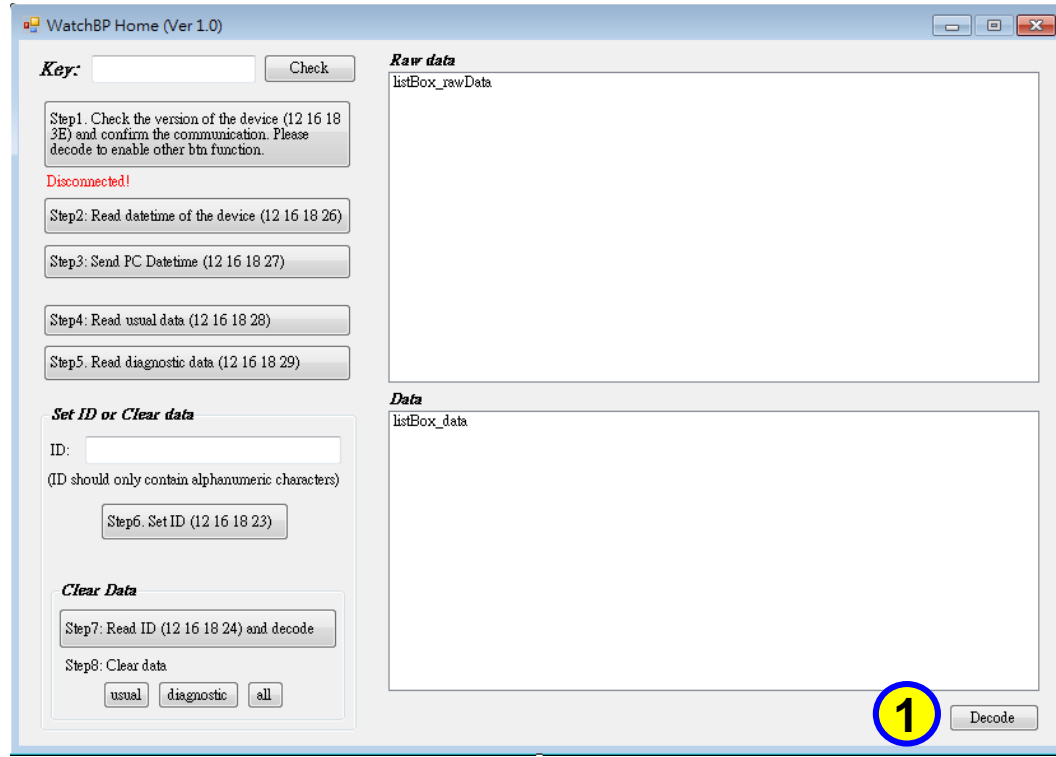
7 WriteCmd (WatchBPO3Hid.CmdEnum.ReadID)
(API document 1.6.8.)

8 SendIDAndClearData (tb_id.Text, true, false)
(API document 1.6.9.)

9 SendIDAndClearData (tb_id.Text, false, true)
(API document 1.6.10.)

10 SendIDAndClearData (tb_id.Text, true, true)
(API document 1.6.11.)

II. WatchBP Home Parser



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Step.	Command	Parser	API Doc.
1.	Check the device's version	DeviceInfoParser.ParseDeviceName (byteArray, hid.ByteArraySize, out str)	4.3.1
2.	Read the device's datetime	DeviceInfoParse.ParseDeviceDateTime (byteArray, hid.ByteArraySize, out str)	4.3.3
4.	Read usual data	DataParser.ParseUsuData (byteArray, hid.ByteArraySize, out str)	5.3.1
5.	Read diagnostic data	DataParser.ParseDiagData (byteArray, hid.ByteArraySize, out dataLst)	5.3.2
10.	Read ID	DeviceInfoParser.ParseDeviceID(byteArray, hid.ByteArraySize, out str)	4.3.2