

WatchBP O3 API Demo

I. WatchBP O3 All Command

WatchBP O3 (Ver 1.2)

Key: Check

Register the SDK

1 Step1. Check the device's version (12 16 18 3E) and confirm the communication. Please decode to enable other btm function.

Disconnected!

2 Step2. Read the device's datetime (12 16 18 26)

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

4 Step4. Read casual data (12 16 18 28)

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

Step6. Read ABP data

WHO21 / WHO22 (12 16 18 30)

WHO25 (12 16 18 40)

Step7. Read Memo data (12 16 18 31)

Step8. Read ABP setting (12 16 18 F2)

Decode

Set ID or Clear data

ID:
(ID should only contain alphanumeric characters)

Step9. Set ID (12 16 18 23)

Clear Data

Step10: Read ID (12 16 18 24) and decode

Step11: Clear data

casual diagnostic memo abp all

Set ABP setting

	Period	Interval
Day	<input type="text" value="01"/>	<input type="text" value="15"/>
Night	<input type="text" value="22"/>	<input type="text" value="15"/>
Hi_infPressure	<input type="text" value="180"/>	
Hide ABPM data	<input type="text" value="True"/>	
Silent	<input type="text" value="True"/>	

Step12. Send ABP setting

Read BPM setting

Step13. Read BPM setting

Register the SDK

`watchBPO3Hid.InitWatchBPSDK(tb_key.Text)`
(API document 1.6.1.)

3 `WriteCmd (WatchBPO3Hid.CmdEnum.SendPCDateTime)`
(API document 1.6.4.)

4 `WriteCmd (WatchBPO3Hid.CmdEnum.ReadCasualData)`
(API document 1.6.5.)

5 `WriteCmd (WatchBPO3Hid.CmdEnum.ReadDiagnosticData)`
(API document 1.6.6.)

1 `WriteCmd (WatchBPO3Hid.CmdEnum.RequestDeviceVer)`
(API document 1.6.2.)

2 `WriteCmd (WatchBPO3Hid.CmdEnum.ReadDeviceDateTime)`
(API document 1.6.3.)

I. WatchBP O3 All Command

WatchBP O3 (Ver 1.2)

Key: Check

listBox_data

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

Disconnected!

Step2. Read the device's datetime (12 16 18 26)

Step3. Send PC Datetime (12 16 18 27)

Step4. Read casual data (12 16 18 28)

Step5. Read diagnostic data (12 16 18 29)

Step6. Read ABP data

6 WHO21 / WHO22 (12 16 18 30)

7 WHO25 (12 16 18 40)

8 Step7. Read Memo data (12 16 18 31)

9 Step8. Read ABP setting (12 16 18 F2)

Decode

Set ID or Clear data

ID: (ID should only contain alphanumeric characters)

10 Step9. Set ID (12 16 18 23)

Clear Data

11 Step10: Read ID (12 16 18 24) and decode

Step11: Clear data

casual diagnostic memo abp all

Set ABP setting

	Period	Interval
Day	<input type="text" value="01"/>	<input type="text" value="15"/>
Night	<input type="text" value="22"/>	<input type="text" value="15"/>
Hi_infPressure	<input type="text" value="180"/>	
Hide ABPM data	<input type="text" value="True"/>	
Silent	<input type="text" value="True"/>	

Step12. Send ABP setting

Read BPM setting

Step13. Read BPM setting

6 WriteCmd (WatchBPO3Hid.CmdEnum.ReadABPData)
(API document 1.6.7.)

7 WriteCmd (WatchBPO3Hid.CmdEnum.ReadABPDataE315)
(API document 1.6.8.)

8 WriteCmd (WatchBPO3Hid.CmdEnum.ReadMemoData)
(API document 1.6.9.)

9 WriteCmd (WatchBPO3Hid.CmdEnum.ReadABPSetting)
(API document 1.6.10.)

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

11 WriteCmd (WatchBPO3Hid.CmdEnum.ReadID)
(API document 1.6.12.)

I. WatchBP O3 All Command

WatchBP O3 (Ver 1.2)

Key: Check

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

Disconnected!

Step2. Read the device's datetime (12 16 18 26)

Step3. Send PC Datetime (12 16 18 27)

Step4. Read casual data (12 16 18 28)

Step5. Read diagnostic data (12 16 18 29)

Step6. Read ABP data

WHO21 / WHO22 (12 16 18 30)

WHO25 (12 16 18 40)

Step7. Read Memo data (12 16 18 31)

Step8. Read ABP setting (12 16 18 F2)

listBox_data

Set ID or Clear data

ID: (ID should only contain alphanumeric characters)

Step9. Set ID (12 16 18 23)

Clear Data

Step10. Read ID (12 16 18 24) and decode

Step11: Clear data

casual diagnostic memo abp all

Set ABP setting

Day

Night

Hi_infPressure

Hide ABPM data

Silent

Step12. Send ABP setting

Read BPM setting

Step13. Read BPM setting

Decode

12 SendIDAndClearData (tb_id.Text, true, false, false, false)
(API document 1.6.13.)

13 SendIDAndClearData (tb_id.Text, false, true, false, false)
(API document 1.6.14.)

14 SendIDAndClearData (tb_id.Text, false, false, true, false)
(API document 1.6.15.)

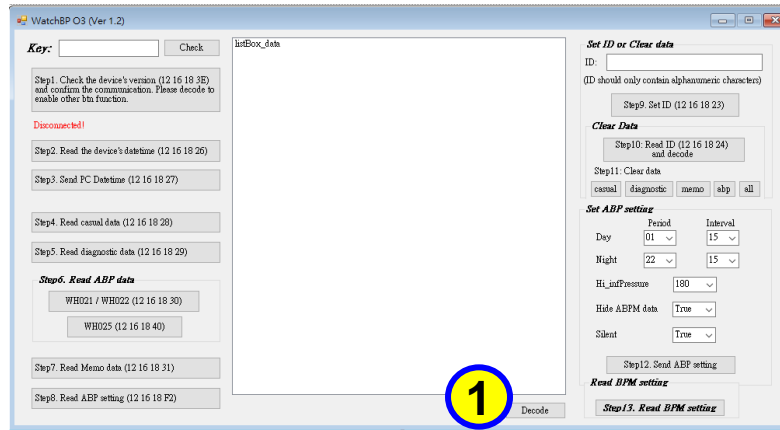
15 SendIDAndClearData (tb_id.Text, false, false, false, true)
(API document 1.6.16.)

16 SendIDAndClearData (tb_id.Text, true, true, true, true)
(API document 1.6.17.)

17 SendABPSetting (abpSetting)
(API document 1.6.18.)

18 ReadBPMSetting (bpmSetting)
(API document 1.6.19.)

II. WatchBP O3 Parser



1

Step.	Command	Parser	API Doc.
1.	Check the device's version	DeviceInfoParser.ParseDeviceName (byteArray, out str)	5.3.1
2.	Read the device's datetime	DeviceInfoParse.ParseDeviceDateTime (byteArray, out str)	5.3.3
4.	Read casual data	DataParser.ParseUsuData (byteArray, out str)	6.4.1
5.	Read diagnostic data	DataParser.ParseDiagData (byteArray, out dataLst)	6.4.2
6.	Read ABP data – WH022	DataParser.ParseABPData (byteArray, out dataLst)	6.4.3
6.	Read ABP data – WH023	DataParser.ParseABPDataE315 (byteArray,out dataLst)	6.4.3
7.	Read memo data	DataParser.ParseMemoData (byteArray, out strLst)	6.4.4
8.	Read ABP setting	DataParser.ParseABPSetting(byteArray,out abpSetting)	5.3.4
9.	Read BPM setting	DataParser.ParseBPMSetting(byteArray,out bpmSetting)	5.3.5
10.	Read ID	DeviceInfoParser.ParseDeviceID(byteArray, out str)	5.3.2