PB-J500 API

User Guide

Version notice

Date	Version	Remark
2023-04-06	A01-J510-000-01-230406	New Release version
2023-04-11	A01-J510-000-02-230411	Add PA-J500 support
2023-04-28	A01-J510-000-03-230428	Add PA-J520 support Add PA-J501 support Add PA-J511 support Add PA-J521 support
2023-05-03	A01-J500-000-03-230503	Change default to J500

API Package Content

Operation System	Windows 10 64bits	
Directory	**Contents / File Name**	**Description**
.	API User Guide A01-xxx-xxx-xx-xxxxxx.pdf	User Guide
.\Demo	Demo applications base on sample code	Include necessary library and xml files, see **Function DLL** for detail.
.\Demo Project	Sample code projects	See **Sample Program** for detail.
.\ProxAPI standard	Integrated test application for all functions.	Single application for test all functions quickly.
Function DLL		
Function	**File Name**	**Description**
Cash Drawer	CashDrawer.dll	Library for Cash Drawer API.
Hardware Monitor	Hardware Monitor.dll	Library for Hardware Monitor API.
Watch Dog	WatchDog.dll	Library for Watch Dog API.
Windows IO Port Access	inpoutx64.dll	Common library for IO Port Access.
XML configuration file Access	multilangXML.dll	Common library for XML access.
Sample Program		
Directory	**Contents / File Name**	**Description**
Demo Project\ CashDrawer	Sample code for Cash Drawer	Visual Studio Project
Demo Project\ HardwareMonitor	Sample code for Hardware Monitor	Visual Studio Project
Demo Project\ WatchDog	Sample code for Watch Dog	Visual Studio Project

Cash Drawer API usage

int Initial_CashDrawer(void)

Parameters:

Void

Return Value:

True (1) success, False (0) failed

bool CashDrawerOpen(short num_drawer)

Parameters:

Num_drawer:

Index to the drawer .

0 – Open first Cash Drawer.

1 – Open second Cash Drawer.

Return Value:

True (1) success, False (0) failed

bool GetCashDrawerStatus(short num_drawer)

Parameters:

Num_drawer:

Index to the drawer .

0 – Open first Cash Drawer.

1 – Open second Cash Drawer.

Return Value:

True (1) Drawer status is Open, (0) Drawer status is Close

Hardware Monitor API usage

float HWMVoltage_Get(short VoltType)

Parameters:

VoltType:

1 – VCORE

2 – N/A

3 – VCC3V

4 – VSB3V

5 – VCC5V

6 – VSB5V

7 – VCC12V

8 – VBAT

9 – N/A

Return Value:

Voltage value in float.

float HWMFanSpeed_Get(short fanType)

Parameters:

fanType:

1 – CPU

2 – SYS

3 – N/A

Return Value:

Fan RPM value in float.

float HWMTemperature_Get(short tempType)

Parameters:

tempType:

1 – CPU

2 – N/A

Return Value:

DegreeC value in float.

Watch Dog API usage

bool Watchdog_Set(int value)

Parameters:

value:

Set watchdog timer to the seconds/minutes number of value from 0 ~ 255.

Return Value:

True (1) success, False (0) failed

bool SetMinSec(int kind)

Parameters:

kind:

1 – Second

others – Minute

Return Value:

True (1) success, False (0) failed

bool Watchdog_Stop(void)

Parameters:

Void

Return Value:

True (1) success, False (0) failed