VP-x23x_ce70 OS Update History

Last update 03/19/2025

Features	Supported	Description
Windows CE 7.0 Core OS	Yes	
OS Language	Yes	**VP-x23x-ML**: Multi-language - English - German - Russian - French - Spanish - Italian - Korean - Simplified Chinese - Traditional Chinese
.NET Compact Framework 3.5	Yes	V3.5.7283.0 for Visual Studio .Net 2008
SQL CE 3.5	Yes	SQL CE 3.5 (3.5.5386.0)
FTP Server	Yes	
HTTP Server	Yes	
Telnet	Yes	
Printer	No	
Display Resolution	Yes	640*480 : VP-1231、800*600 : VP-4231 800*600 : VP-5231、1024*768 : VP-6231
Touch Panel	Yes	Support for touch panels using the RS-232 and USB interfaces
Multiport Serial Communication Module The maximum number of ports that can be used is 12. (i.e., 3 slots * 4 ports per module = max. of 12 ports)	Yes	Supported modules: I-8112iW (RS-232 *2) I-8114W (RS-232 *4) , I-8114iW (RS-232 *4) I-8142iW (RS-485 *2),I-8144iW (RS-485 *4) I-8212W, I-8213W (GPS) (Industrial Tri-band 2G module) I-8212W-3GWA, I-8213W-3GWA (GPS) (Industrial Tri-band 3G module) I-8213W-4GE (UE), I-8213W-4GC (China) (Industrial Tri-band 4G module)

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.2.5 [03/19/2023]	V1.3.4.3	Yes	Yes	Yes	Yes
V1.0.2.4 [11/16/2023]	V1.3.4.3	Yes	Yes	Yes	Yes
V1.0.2.1 [07/08/2021]	V1.3.4.1	Yes	Yes	Yes	Yes
V1.0.1.9 [10/26/2018]	V1.3.4.1	Yes	Yes	Yes	Yes
V1.0.1.5 [11/09/2017]	V1.3.3.1	Yes	Yes	Yes	Yes
V1.0.1.3 [05/18/2016]	V1.2.2.0	-	Yes	-	Yes
V1.0.1.2 [01/11/2016]	V1.2.2.0	-	Yes	-	Yes

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VP-x23x OS 1.0.2.5 - Release Notes [03/19/2025]

Abstract

This release fixes an abnormal screen display issue on VP-123x after the system idle (backlight off).

Improvements and Bug Fixes

- Fixes an issue of screen flickering and white lines on VP-123x after the system idle (backlight off).

Eboot 1.3.4.3 [09/19/2022]

- No change.

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.2.5 [03/19/2023]	V1.3.4.3	Yes	Yes	Yes	Yes

PAC Utility and PACSDK

- PACSDK DLL Version 4.5.0.4 (Released on 04/09/2024)
- PAC Utility Version 1.2.2.7 (Released on 04/09/2024)

VP-x23x OS 1.0.2.4 - Release Notes [11/16/2023]

Abstract

This release fixes an issue that occurred the Multiport Serial Communication Module cannot work when used the function serialport.discardinbuffer() (C#) / PurgeComm()(c++).

New Features

- Support DM9119 network phy chip.
- The “Run LED” will flash when setting the LAN1/2 “IP address” by “UDP Search” protocol.

Improvements and Bug Fixes

- Fixes an issue that occurred the Multiport Serial Communication Module I-8144iw/I-8114iw cannot work when used the function serialport.discardinbuffer() (C#) / PurgeComm()(c++).

Eboot 1.3.4.3 [09/19/2022]

- Support DM9119 network phy chip.

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.2.4 [11/16/2023]	V1.3.4.3	Yes	Yes	Yes	Yes

PAC Utility and PACSDK

- PACSDK DLL Version 4.5.0.3 (Released on 03/15/2021)
- PAC Utility Version 1.2.2.6 (Released on 03/15/2021)

VP-x23x OS 1.0.2.1 - Release Notes [07/08/2021]

Abstract

Adds driver support the I-8144iW/I-8114iW new hardware.

New Features

- Adds driver support the I-8144iW V2.4/I-8114iW V1.4.

Eboot 1.3.4.1 [11/01/2018]

- No change.

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.2.1 [07/08/2021]	V1.3.4.1	Yes	Yes	Yes	Yes

PAC Utility and PACSDK

- PACSDK DLL Version 4.5.0.3 (Released on 03/15/2021)
- PAC Utility Version 1.2.2.6 (Released on 03/15/2021)

VP-x23x OS 1.0.1.9 - Release Notes [10/26/2018]

Abstract

This release fixes the problem that when the system time confused, the system time will be corrected to the most recently set time by the OS and the flash driver to improve the reliability of file read/write.

Bug Fixes

- Fix the problem. When the RTC (Back Plane) battery loses power to occur the system time confused. The system time will be corrected to the most recently set time to avoid the SNTP server running fail.
- Fix the driver of SD card that auto-mount fail after the SD card hot-plug.

Improve

- Fix the flash driver to improve the reliability of file read/write.
  Modify the type of Flash driver "ECC" from "Hamming code 1 bit" to "BCH 8 bit" that improve the reliability of the operating system image file and System_Disk folder file during reading/writing. However, the boot speed and the file read/write speed in the System_disk folder will be slower.

Differences in ECC algorithms

ECC type	Good	Bad	Repair ability
Hamming code 1 bit	Read/Write faster	Can not fix the error data more than 2 bit	2048 byte fixes 1 bit error data.
BCH 8 bit	More reliability	Read/Write slower	2048 byte fixes 8 bit error data

Eboot 1.3.4.1 [11/01/2018]

- Improve the reliability of flash files read/write, but the boot speed will be slower 50 second.

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.1.9 [10/26/2018]	V1.3.4.1	Yes	Yes	Yes	Yes

PAC Utility and PACSDK

- PACSDK DLL Version 4.4.1.1 (Released on 09/13/2018)
- PAC Utility Version 1.2.2.4 (Released on 08/13/2018)

VP-x23x OS 1.0.1.5 - Release Notes [11/09/2017]

Abstract

This release fixes an issue that occurred the user cannot get the correct system time tick when uses the GetTickCount(); and adds new supports for the 4G LTE modem module 、support the VP-1231、VP-5231

New Features

- Adds support for the 4G LTE modem module.
- Adds support VP-1231
- Adds support VP-5231

Improvements and Bug Fixes

- Fixed an issue that occurred the user cannot get the correct system time tick when uses the GetTickCount().

Eboot 1.3.3.1

- Adds support VP-1231
- Adds support VP-5231

Software and Hardware Compatibility

Software		Hardware			
OS	**Eboot**	VP-1231	VP-4231	VP-5231	VP-6231
V1.0.1.5 [11/09/2017]	V1.3.3.1	Yes	Yes	Yes	Yes

WinPAC Utility and WinPAC SDK

- PACSDK DLL Version 4.4.0.7 (Released on 11/06/2017)
- PAC Utility Version 1.2.2.1 (Released on 11/07/2016)

VP-x23x OS 1.0.1.3 - Release Notes [05/18/2016]

Abstract

FIRST RELEASE

Eboot 1.2.2.0 [02/02/2016]

FIRST RELEASE

Software and Hardware Compatibility

Software		Hardware
OS	**Eboot**	**V1.0**
V1.0.1.3 [05/18/2016]	V1.2.2.0	Yes

WinPAC Utility and WinPAC SDK

- PACSDK DLL Version 4.3.3.7 (Released on 01/30/2016)
- PAC Utility Version 1.2.1.6 (Released on 01/15/2016)