JetI/O 6500 Series

RELEASE NOTES

Release History

Date	Firmware	Applied Models	MIB File	Utility	SDK
Aug.20th, 2009	F208_0817	JetIO 6510 JetIO 6511 JetIO 6512 JetIO 6520 JetIO 6550	6510-MIB-1_7.mib 6511-MIB-1_7.mib 6512-MIB-1_7.mib 6520-MIB-1_7.mib 6550-MIB-1_7.mib	1.5	n/a
Jan. 19, 2009	n/a	JetIO 6510 JetIO 6511 JetIO 6512 JetIO 6520 JetIO 6550	n/a	n/a	1.0
Jan. 19, 2009	n/a	JetIO 6510 JetIO 6511 JetIO 6512 JetIO 6520 JetIO 6550	n/a	1.4	n/a
Jun. 27, 2008	6510_F206.bin 6511_F206.bin 6512_F206.bin 6520_F206.bin 6550_F206.bin	JetIO 6510 JetIO 6511 JetIO 6512 JetIO 6520 JetIO 6550	6510-MIB-1.6.mib 6511-MIB-1.6.mib 6512-MIB-1.6.mib 6520-MIB-1.6.mib 6550-MIB-1.6.mib	1.3	n/a

Aug. 20th, 2009

Block I/O Utility v1.8_122811

■ **New features**

1.   Support Win 7 64-bit system.

■ **Fixed Bugs**

1.   Support refresh button (Bug# 52).

2.   The "individual input range on all channels" can't be checked (Bug#152).

Block I/O Utility v1.7_022411

■ **Fixed Bugs**

1. when configuring the Inputs range, some times they have to configure all the inputs in the same range of operation or make a default reset in order to modify a rule.

Block I/O Utility v1.5_031210

■ **Fixed Bugs**

1. Fix the JetIO series can't backup in BlockIO Version: 1.5.

Block I/O Utility v1.5

■ **New features**

1. FW upgrade without the need of TFTP server.

■ **Fixed Bugs**

1. JetIO discovery is not reliable. 1/12 failed.

2. DHCP Client can't get ip address properly, when connect over two devices.

■ **Limitation**

1. Block I/O Utility v1.5 can't be backward compatible to Firmware F206.

Please refer to user manual for more detail.

Aug. 20th, 2009

Before Upgrade

Please ensure that you know the applied product and use the correct firmware version. By reading the file, you can know the new feature and changes, the fixed bugs and the restrictions. You can find the latest firmware in the Korenix web site, http://www.korenix.com or get the help from Korenix Customer Support, KoreCare@korenix.com.

Firmware F208 Build 0817

■ **New features And Changes**

1. The revision will support the features both on I/O Logic Rules and Peer-to-Peer I/O activity at the same time among all the JetIO series. (JetIO/6550/6510/6511/6512/6520)

2. Supports different input ranges for different input channels for all the analog input modules. (JetIO/6510/6511/6512)

3. Supports sensor broken detection- when the analog input signal between connection (+) and (-) was disconnected, the A/I value will generate a maximum reading of the corresponding FSR (full-scale range) as you assigned. (JetIO-6510/6511 Rev. C new HW features)

4. Java Applet Implementation on all modules as well as revising WEB UI incompatibility issue specific to Opera/Google and Device Finder discovery issue

5. There are 16 auxiliary channels (flag) on each JetIO module

6. The maximum I/O logic rules for JetIO module support are up to 16

■ **Bug fix**

1. Web UI 無法登入, ex. Opera 9.52, Google 0.2.149.30.

■ **Upgrade procedure**

1. **Please use Block I/O Utility v1.5 to upgrade F208.**

2. After the upgrade process, the device will auto-reboot itself. When the device finishes the auto- reboot process, please reload the default configuration file and then reboot the device again. After the device starts, add the device to Block IO Utility by "Scan" again

3. The password is not assigned (equivalent to disabled) the first time you upgrade from the older versions, you can enable the password security by "Change" the password to what ever you prefer

MIB v1.7

1. Add object "*ruleEnable*" to shows the status of the rule activity for JetIO/6550/6510/6511/6512/6520

2. Revised SNMP specific trap definitions in if/then logic rule by revising object of "rulexx_Action" for JetIO/6550/6510/6511/6512/6520, where xx denotes the number ranged from 0 to 15.

3. Add SNMP specific trap object for High/Low Alarm both on "chxx-Value-LowAlarm" and "chxx-Value-HighAlarm", where xx ranged 0-7 for JetIO/6510/6511 while the range 0-3 for JetIO/6520.

Jan. 19, 2009

JetIO SDK v1.0

■ **Features**

1. Easy-to-Read Function Calls

   • Common system functions for all models

   • Specific functions for each model (JetIO 6510, 6511, 6512, 6520 and 6550)

2. Standard Modbus/TCP command interface which makes it easy to integrate with HMI or SCADA systems.

3. Sample codes for each programming environment, BCB, VB, VC++, and VS2005, are also provided and are good starting point for developers to build their applications.

■ **Supported Programming Environment**

1. C# program for Visual Studio 2005

2. VB.NET program for Visual Studio 2005

3. VB program for Visual Basic 6.0

4. C++ program for Visual C++ 6.0 and Visual Studio 2005

5. BCB program for Borland C++ Builder 6

Jan. 19, 2009

Block I/O Utility v1.4

■ **New features**

1. Add "Backup Configuration to …", "Restore Configuration from …" to backup/restore configuration of JetIO devices.

2. Modified "Upgrade Firmware" Procedure, built-in FTP & Bootp Server instead. No additional tftp server is required

3. Add "Reset to default" and "Reboot" Function

Please refer to user manual for more detail.

Firmware F206

■ **New features And Changes**

1. Add password security and the relative Modbus registers, the default password is "admin"

2. Add Peer-to-Peer I/O for JetI/O 6550

3. Increase maximum Modbus/TCP session to 8

4. Refine SNMP traps

5. Add Modbus/TCP "Reset Configuration to Default" command in register 40006 to reset configuration to factory default, except for calibration coefficients and IP configurations

■ **Bug fix**

1. Sometimes lost of ColdStart and LinkUp trap

2. Incorrect response to request of sysObjectID

■ **Upgrade procedure**

1. **Please use Block I/O Utility v1.3 to upgrade F206.**

2. Upgrade to firmware F206

3. After upgrade process, please reboot the device through "Device Finder" and then add the device to Block IO Utility by "Scan" again

4. The password is not assigned (equivalent to disabled) the first time you upgrade from the older versions, you can enable the password security by "Change" the password to what ever you prefer

MIB v1.6

1. Refine SNMP trap definition of high/low active alarms and logic rules

Block I/O Utility v1.3

■ **New features**

1. Merge Device Finder into Block I/O Utility

2. Add information of model name and firmware version to Device Finder

3. Add password security. default password is "admin"

4. Add Peer-to-Peer I/O for JetI/O 6550

5. Add "Abort" button to interrupt device finding and scanning process

■ **Limitation**

1. Device Finder will not display model name and firmware version for devices running old versions, such as F204