

Release Note

Barionet 50 V2.01

Firmware name:	Barionet 50 V2.01		
Released:	30. November		
Package name:	barionet50_vb201_20111130		
Version overview:	Type	File name	Version Date
	Firmware	bn50.rom	V02.01_0111130
	WEB UI	bario50web.cob	V01.07_20101203
	FW Ext. 1	sg.bin	V08.24_20111129
	FW Ext. 2	bclio.bin	V01.19_20111128
	Bootloader	exfull.rom	V99.24_2011118
	BCL app.	barionetbcl.cob	V01.23_20101129

1 Hardware Compatibility

This firmware is intended to run on the following devices:

- Barionet 50

Note: This firmware is not suitable for the Barionet 100, since the Barionet 100 has a different hardware architecture.

2 New Features

The following features have been introduced in the Barionet50 v2.01 software (compared to the version 2.00):

- #64.68: Allow writing to temperature sensors registers (601-650) from BCL. Free temperature sensor registers can be used as general purpose register.

3 Bugs Fixed In This Version

The following bugs have been fixed in the Barionet50 v2.01 software (compared to the version 2.00):

- #64.72: Check for password before executing command on rc.cgi interface. Ask user to provide password if its set.
- #64.73: Wrong system up reply message was being sent to SNMP interface.
- #64.69: A check for ethernet link up is added. It will wait maximum 2 seconds for ethernet link to be up.
- #64.74: 1-wire sensors returns wrong value in case of negative temperature.
- #64.67: Show unauthorised message in a wrong attempt to change password.
- #64.25: WEB server port - inconsistency in the factory defaults and the help pages corrected.
- #64.66 links on Homepage corrected.
- #64.65. Inconsistent in security help text corrected.

4 Known Issues

5 Major Modifications

5.1 Default application

The default application is "serial_io_tunnel".

5.1 Bootloader

The bootloader has been updated, its current version is 99.24. A new bootloader will be loaded only if you perform serial update.

6 References

	Document
[1]	Barionet 50 Manual
[2]	Barionet 50 WEB Page
[3]	Barionet 50 Update, Rescue and Development Kit
[4]	BCL Programmers Manual v1.13

7 Legal Information

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