
Raidtec CS3102 Release Notes

Firmware version 0200

Author: REZE Olivier
Product Engineering & Quality
Version: 0200
Date: 22 March 2006
Status: Released
Distribution: General

Raidtec
S O L U T I O N S

www.plasmon.com

1 Raidtec CS3102 Release Notes

These release notes apply to the following:
Raidtec CS3102 Controller Firmware

Release Date: **22 March 2006**
Current version: **0200**
Previous version: **0121**

2 Compatibility

This firmware is used with the following:

- Raidtec CS3102 controller.
- Raidtec Manager™ administration software version 2.0 or later.

The controller firmware is compatible with the following operating systems:

- Windows 2000 / 2000 server
- Windows 2003 / 2003 server
- Apple Mac OS X Server (Panther / Tiger)

3 Installation of Raidtec CS3102 firmware

The firmware is pre-installed on all Raidtec CS3102 controllers before shipment.

If new installation is required, use the following instructions.

- 3.1 Using Raidtec Manager version 2.0 or higher, select 'Administration Menu' > 'Update'.
- 3.2 Click the 'Check Internet for Updates' button to see a list of the available updates for the system.
- 3.3 Select the required firmware from the list of available files by checking its 'Download' box.
- 3.4 Click the 'Download Updates' button to download the firmware to the local computer.
- 3.5 When prompted to 'Update Firmware Now', select 'Yes'; this will open the 'Administration' > 'Service Options' > 'Controller Services' screen.
- 3.6 To upgrade the firmware using the newly downloaded file, click the 'Upgrade Controller' button.
- 3.7 Select 'CS3102_0200_FW.bin' from the list of binary files offered.
- 3.8 Click on 'Yes' to confirm the new binary file details – the upgrade will now proceed.
- 3.9 When prompted, select 'Yes' to reset the controller; thus completing the firmware installation.

4 Fixes in Raidtec CS3102 firmware

Version 0200
22 March 2006

4.1 All fixes prior to this version are included in this version

4.2 Firmware Version

The latest firmware version brings the Raidtec FS3102 and the Raidtec CS3102 to the same code base.

4.3 Raidtec Manager Broadcast is now supported

Broadcast is available from Raidtec Manager version 2.2.

4.4 Performance improved

Write performance has been improved.

4.5 Adaptec 29160 speed issue

The SCSI speed issue has been fixed.

4.6 Format partition under windows

It is no longer necessary to select the quick format option when formatting a logical volume.

5 Known issues in Raidtec CS3102 firmware

Version 0200
02 March 2006

5.1 The controller fault LED does not light when the buzzer is disabled

When the buzzer is disabled, the 'Fault' LED on the back of the controller does not light when a fault is detected. Raidtec Manager will continue to log the warning in the event log and display a new warning message in the status bar.

5.2 A faulty disk is detected but not loaded at startup

If the firmware detects a faulty disk on startup (i.e. a disk it cannot read), the disk will not be displayed in the list of available disks. However the disk is not marked as faulty, therefore the blue 'Presence' LED is on but Raidtec Manager reports that the disk is not present.

5.3 Monthly Verify Schedules

In some cases, a 'Monthly Verify Schedule' will run daily instead of monthly.

5.4 Mapping changes

In some instances, it is necessary to reboot the controller to apply the last mapping modification.

5.5 SCSI ID changes

In some cases, it is necessary to resave the current port mapping after having changed the SCSI ID of a logical volume.



European Headquarters

Plasmon Data Limited,
Whiting Way,
Melbourn,
Hertfordshire ,
SG8 6EN,
U.K.

For more information:

www.plasmon.com
support@plasmon.co.uk

Tel: +44 (0) 1763 262963
Fax: +44 (0) 1763 264444

© 2005 Plasmon Data Limited. All rights reserved.

No part of this publication may be reproduced in any material form (including photocopying, or storing it in any medium by electronic means whether or not transiently or incidentally to some other use of this publication) without the prior written permission of the copyright owner, or under the terms of a license issued by the copyright owner.

This document is for informational purposes only and does not set forth any warranty, expressed or implied, concerning any product, product feature, or service offered or to be offered by Plasmon Data Limited. Plasmon Data Limited reserves the right to make changes to this document at any time, without notice, and assumes no responsibility for its use.

Raidtec
S O L U T I O N S

Plasmon and Raidtec Solutions are trademarks of Plasmon Data Limited. All other marks mentioned in this material are the property of their respective owners.