

## DNS-326 Firmware Release Notes

**Firmware: v1.00B34**

**Hardware: A1**

**Date: Oct 11, 2010**

- ✓ **Remarks:**
  - Compatible with Ez-Search Version b0.0.22 above
  - Compatible with Ez-Wizard(QSS) Version 1.0.0.23 above
  
- ✓ **Modification and fixed bugs:**
  - bugs
    - HDD hibernation and power recovery issues
  - Other bugs
  - Modifications
  - New functions
  
- ✓ **Known issues:**
  - Bugs:
    - UPnP, not support PS3 and DSM-510
    - DSC-2121 recording issue
    - Printer Server, Lexmark printer support issues
    - poor performance

**Firmware: v1.00B33**

**Hardware: A1**

**Date: Aug 30, 2010**

- ✓ **Remarks:**
  - Compatible with Ez-Search Version b0.0.22 above
  - Compatible with Ez-Wizard(QSS) Version 1.0.0.23 above
  
- ✓ **Modification and fixed bugs**
  - bugs
    - Help page have some unknown words



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- two pc can config DNS326 at the same time
- remove auto pop-up new HDD detection page
- check the assigned IP range of DHCP service
- HDD hibernation and power recovery issues

- Other bugs
- Modifications
- New functions

✓ **Known issues**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?

**Firmware: v1.00B31**

**Hardware: A1**

**Date: Oct 30, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.22 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.23 above

✓ **Modification and fixed bugs**

- Bugs
- Other bugs
- Modifications
  - Add that auto-logout if the connection is reset.
  - improve UPnP function
  - change chkfst.txt format and add version.txt page
- New functions

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510



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- DSC-2121 recording issue
- Printer Server, Lexmark printer support issues
- Poor performance?

**Firmware: v1.00B30**

**Hardware: A1**

**Date: Sept 11, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.22 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.23 above

✓ **Modification and fixed bugs**

- bugs
  - \*Fixed that the Seagate 1TB compatibility issue(LVM sector issue)
- Other bugs
- Modifications
- New functions
  - Compatible with Ez-Wizard Version 1.0.0.22

✓ **Known issues:**

- bugs:
- UPnP, not support PS3 and DSM-510
- DSC-2121 recording issue
- Printer Server, Lexmark printer support issues
- Poor performance?

**Firmware: v1.00B29**

**Hardware: A1**

**Date: Sept 02, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.17 above

✓ **Modification and fixed bugs**

- bugs
  - \*QSS works only on the very first time. (wizard.c issue)
  - \*QSS will fail (first set the iSCSI only then set Both profile)
- Other bugs
- Modifications
- New functions
  - Compatible with Ez-Wizard Version 1.0.0.20

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?

**Firmware: v1.00B28**

**Hardware: A1**

**Date: Aug 11, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.17 above

✓ **Modification and fixed bugs**

- bugs(T.S.D, v1.00b21~b23):
  - no 52, 30, 38, 39, 40 and 41:
- Other bugs
- Modifications
- New functions
  - Compatible with Ez-Wizard Version 1.0.0.17

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510



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- DSC-2121 recording issue
- Printer Server, Lexmark printer support issues
- Poor performance?

**Firmware: v1.00B26**

**Hardware: A1**

**Date: June 04, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.13 above

✓ **Modification and fixed bugs**

- bugs(T.S.D, v1.00b21~b23):
  - no 32, and 36:
- Other bugs
  - \*Firefox issue(disk management and partition resize pages)
  - \*\*\* disk management/advanced setting work incorrectly problem.(only occur in b25)
- Modifications
- New functions

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?



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**Firmware: v1.00B25**

**Hardware: A1**

**Date: June 04, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.13 above

✓ **Modification and fixed bugs**

- bugs(T.S.D, v1.00b21~b23):
  - no 32, and 36:
- Other bugs
  - \*Firefox issue(disk management and partition resize pages)
- Modifications
- New functions

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?

**Firmware: v1.00B23**

**Hardware: A1**

**Date: June 04, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.13 above

✓ **Modification and fixed bugs**

- bugs(T.S.D, v1.00b21~b22):
  - no 32, 35, 36 and 37:
- Other bugs
  - \*Firefox issue



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- Modifications
- New functions
  - \*Support Ez-Fmt-Wizard 1.0.0.13

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?

**Firmware: v1.00B22**

**Hardware: A1**

**Date: May 11, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above
- Compatible with Ez-Wizard(QSS) Version 1.0.0.08 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - no 2, 15, 17, 18:
- Other bugs
  - \*FTP language issue(Unicode)
- Modifications
- New functions
  - \*Support Ez-Fmt-Wizard 1.0.0.8

✓ **Known issues:**

- bugs:
  - UPnP, not support PS3 and DSM-510
  - DSC-2121 recording issue
  - Printer Server, Lexmark printer support issues
  - Poor performance?

**Firmware: v1.00B21**

**Hardware: A1**

**Date: March 23, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above

✓ **Modification and fixed bugs**

- bugs(Pre-Test):
  - Q2: Users/Groups, incorrect action of "remove" button(GUI issue)
  - Q4: FTP Server, cannot upload data(disable Unicode support to fixed this issue)
  - Q8: Disk Diagnostic, Email did not work when the smart test finished
  - Q9: Download, function did not work.
- Other bugs
  - \*Disk Wizard, add re-init\_func at step 3,4
- Modifications
  - \*Firefox supported(smarter schedule and firmware download)
  - \*improve the web refresh action(Disk Diagnostic)
  - \*improve smb performance
- New functions
  - \*Support Ez-Fmt-Wizard

✓ **Known issues:**

- FTP language issue(Unicode)
- system might halt when booting up as smart detect the failure disk
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)
  - no 42: Printer Server, Lexmark printer support issues
  - no 59: poor performance?
  - no 61: LAN IP, wrong connection speed?





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**Firmware: v1.00B19**

**Hardware: A1**

**Date: Feb 26, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - none
- Other bugs
  - \*page error when disk is formatting
- Modifications
  - \*Description(D-LINK request)
  - \*SMB patch

✓ **Known issues:**

- FTP language issue(Unicode)
- Process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)
  - no 42: Printer Server, Lexmark printer support issues
  - no 59: poor performance?
  - no 61: LAN IP, wrong connection speed?



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**Firmware: v1.00B18**

**Hardware: A1**

**Date: Feb 20, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - no 33: Downloads, Unicode issue(ftp client)
- Other bugs
  - \*format process bar
  - \*ezsearch can't find the device when dns326 did not get the IP in dhcp mode.
  - \*dhcp client compatibility issue
- Modifications
  - \*GUI layout
  - \*Network access
  - \*Auto refresh (iTunes and UPnP AV)
  - \*S.M.A.R.T

✓ **Known issues:**

- FTP language issue(Unicode)
- Process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)
  - no 42: Printer Server, Lexmark printer support issues
  - no 59: poor performance?
  - no 61: LAN IP, wrong connection speed?



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**Firmware: v1.00B17**

**Hardware: A1**

**Date: Feb 16, 2009**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - no 33: Downloads, Unicode issue(ftp client)
- Other bugs
  - \*format process bar
  - \*ezsearch can't find the device when dns326 did not get the IP in DHCP mode.
  - \*DHCP client compatibility issue
- Modifications
  - \*GUI layout
  - \*Network access
  - \*Auto refresh (iTunes and UPnP AV)
  - \*S.M.A.R.T

✓ **Known issues:**

- FTP language issue(Unicode)
- Process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)
  - no 42: Printer Server, Lexmark printer support issues
  - No 59: poor performance?
  - No 61: LAN IP, wrong connection speed?

**Firmware: v1.00B16**

**Hardware: A1**

**Date: Dec 01, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.16 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - none
- Other bugs
  - \*Disk Management, error HDD detection in wizard page.(only one HDD, but the wizard will lead to format 2nd HDD)
  - \*Network Access, spells error(allow -> allows)
  - \*Quotas, web page error(the page crashed when click the "edit" icon)
  - \*DDNS, remove the "timeout" option
- Modifications
  - \*Time, Change the "Daylight Saving Time" format
  - \*Disk Management, disable the "Apply" button as there's no the RAID1 partition(s) existence.
  - \*Download, Network Access, FTP Server, iTunes Server, and UPnP AV Server, change the Volume sequence that displayed in the page
  - \*Status, switch the printer/ups information blank
- New functions
  - \*Support 1.5T H.D.D.

✓ **Known issues:**

- FTP language issue(Unicode)
- Process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 33: Downloads, Unicode issue(ftp client)
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)



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- no 42: Printer Server, Lexmark printer support issues
- no 59: poor performance?
- no 61: LAN IP, wrong connection speed?

**Firmware: v1.00B15**

**Hardware: A1**

**Date: Nov 26, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.13 above

✓ **Modification and fixed bugs**

- bugs(T.S.D):
  - no 24: UPnP, XBOX360 issues
  - no 31: iSCSI Target, the page shows incorrect information
  - no 35: Dynamic DNS, works incorrectly issue and the wrong status information issue
  - no 43: Network access list, folders maintain issue
  - no 44: FTP Server, group and user management
  - no 45: FTP Server, shows wrong flow control value(web)
  - no 46: Disk Management, webpage issue
  - no 47: Support page modification
  - no 48: Power Recovery issue, after power recovery, some configuration might disappear
  - no 49: Quotas Setting, change the quotas information format in webpage
  - no 52: Downloads, local backup fail...
  - no 53, 54: Disk Management, Rebuild process problems
  - no 55: E-Mail Alerts, the mail did not sent when the device is degraded and the device rebuilds finished.
  - no 56, 57: LLTD, can't disable LLTD function and wrong description in webpage
  - no 58: LAN IP, illegal IP issue
- Other bugs
  - Wizard page, error redirect IP address.
- Modifications
  - \*change default IP to 192.168.0.32

- \*H.D.D. Tools, add hyper link the E-mail Alert page
- \*E-Mail Alert, change the description, "E-Mail Alert Setting" -> "E-Mail Setting"
- \*Status, switch the Printer and UPS information when the device is connected
- \*Login, page modification(a white line)
- \*Firmware, to prevent double click the upgrade button
- \*Downloads, support to download the file that over 4GB
- New functions
  - \*login information md5 encryption protocol(with ez-search)

✓ **Known issues:**

- FTP language issue(Unicode)
- process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- not support 1.5TB
- bugs(T.S.D.)
  - no 9: FTP Server, group management
  - no 25, 60: UPnP, not support PS3 and DSM-510
  - no 30: DSC-2121 recording issue
  - no 33: Downloads, Unicode issue(ftp client)
  - no 38, 50: Disk Management, shows incorrect partition(sometimes)
  - no 42: Printer Server, Lexmark printer support issues
  - no 59: poor performance?
  - no 61: LAN IP, wrong connection speed?

**Firmware: v1.00B14**

**Hardware: A1**

**Date: Oct 28, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.12 above

✓ **Modification and fixed bugs**

- Migration (Standard to Raid1)
- Hot Plug
- Auto/Manually Rebuild
- UPS support



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- fixed UPnP "refresh" function
- for 16MB flash rom and 128MB RAM  
(image\_2008081028\_5182\_v1\_00\_b14\_F16.bin)
- for 8MB flash rom and 64MB RAM  
(image\_2008081028\_5182\_v1\_00\_b14\_F8.bin)

✓ **Known issues:**

- FTP language issue(Unicode)
- process bar does not match format time.
- system might halt when booting up as smart detect the failure disk
- not support 1.5TB

**Firmware: v1.00B13**

**Hardware: A1**

**Date: Oct 14, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.12 above

✓ **Modification and fixed bugs**

- compatibility with ezsearch 0.0.12
- bugs(T.S.D):
  - no 4, 5, 9:ftp user/group maintain issue
  - no 38: GUI bugs
  - no 39, 40: spell error
- change the ftp server(pure-ftpd)
- iSCSI error(b12) (cannot shut down(or reformat) the device as iscsi is connecting)
- giga Ethernet mtu error
- LLTD
- HTTPS
- FTPS

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- FTP language issue

- process bar does not match format time.
- not compatible with Google browser
- system might halt when booting up as smart detect the failure disk
- HDD sleep issue

**Firmware: v1.00B12**

**Hardware: A1**

**Date: Sept 22, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.12 above

✓ **Modification and fixed bugs**

- compatibility with ezsearch 0.0.12
- To correct the description in DYNAMIC DNS → "Copyright 2004-2006"
- Firefox compatible issue
- giga Ethernet works incorrectly(mtu issue)
- user connection control of iscsi
- email alert event: (1).volume is full (2).temperature exceeded (3).detect the degrade mode (4).the rebuild is done
- bugs(T.S.D):
  - no 2, 13, 16:admin/password issue
  - no 19: reset default issue
  - no 21: DHCP server
  - no 22: DHCP server, the lease time cannot be changed
  - no 25, 26, 27 and 28: E-Mail Alerts
  - no 30: iSCSI target

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- iSCSI resize issue
- FTP language issue
- process bar does not match format time.
- login information of windows client issue (ezsearch)
- not compatible with Google browser



- system might halt when booting up as smart detect the failure disk

**Firmware: v1.00B11**

**Hardware: A1**

**Date: Sept 12, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.11 above

✓ **Modification and fixed bugs**

- compatibility with ezsearch 0.0.11b08
- fixed bug: admin and password will reset after reboot
- remove the LVM cache (/etc/LVM)
- DHCP auto-renew(Ethernet cable plug/unplug)
- fix bugs(T.S.D):
  - no 2, 13, 16:admin/password issue
  - no 3: incorrect statement
  - no 6: rebuild issue with raid1
  - no 8: add inform page after successful setting.
  - no 11, 12: static IP issue.
  - no 14: system unstable issue
  - no 15: incorrect information
  - no 17: spell wrong
- fix disk manage(cus mode), remove problem when there's only one HDD
- disk initialize (hidden page)
- fix bug: quotas issue
- /root/mtduser full
- some services work incorrectly as static IP setting
- compatibility issue of ie7(admin setting page)
- only reset the passwd of admin as restore to factory default value (T.S.D bug no. 19)

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- iSCSI resize issue



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- FTP language issue
- process bar does not match format time.
- One connection issue of iscsi
- login information of windows client issue (ezsearch)
- not compatible with Firefox and Google browser
- system might halt when booting up as smart detect the failure disk

**Firmware: v1.00B10**

**Hardware: A1**

**Date: Sept 09, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.11 above

✓ **Modification and fixed bugs**

- compatibility with ezsearch 0.0.11b07(Unicode and smb auth. check)
- http(and mptool + wizard) never die
- fixed disk management bug(wizard).(it cannot program the selected HDD when there're two HDD installed)

**Firmware: v1.00B09**

**Hardware: A1**

**Date: Sept 05, 2008**

✓ **Remarks:**

- Compatible with Ez-Search Version b0.0.11 above

✓ **Modification and fixed bugs**

- aligns the button in user download page.
- remove the "fan speed" and "set fan speed" in status page
- partial update configuration settings after firmware upgraded(won't restore to default value)
- compatible with ez-search 0.11b(check the Mac when user push "apply")
- removed www.DynDNS.com server list in DDNS page

- change the description string: "Vendor" to "Manufacturer"
- disk management bug, rebuild string...
- disk roaming bug,
- run smart to detect the HDD as system boot up
- fixed the smb issue(resource problems)
- clean printer queue (Printer Queue Management)
- read the Mac string from mass-production block
- fixed the bug, system crash when DHCP client fail.
- quota bug(quota size error)
- language supports issue
- auto rebuild for raid1

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- iSCSI resize issue
- FTP language issue
- process bar does not match format time.
- One connection issue of iscsi
- login information of windows client issue (ezsearch)
- DHCP renew
- not compatible with Firefox and Google browser
- some services work incorrectly as static IP setting

**Firmware: v1.00B08**

**Hardware: A1**

**Date: Aug 12, 2008**

✓ **Modification and fixed bugs**

- Compatible with Ez-Search Version 0.0.9b(Configuration login)
- modified the HDD fail definition in web page "E-MAIL ALERT". (removed the HDD. Fail, added "Sent Mail When HD Failed" after S.M.A.R.T. scheduled)
- Added H.d.d. unallocated information in "DEVICE INFO" page.
- E-Mail alert event: space status reports, login passwd changed, f/w upgraded and S.M.A.R.T. report. (unfinished parts: volume full and temperature alert)
- Dynamic fan speed



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- fixed the sequence of /dev/mdx and auto mount issue(customized partitions)

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- iSCSI resize issue
- FTP language issue
- process bar does not match format time.

**Firmware: v1.00B07**

**Hardware: A1**

**Date: Aug 03, 2008**

✓ **Modification and fixed bugs**

- some description of GUI
- GUI layout: logout, jumbo frame and button alignment....
- iSCSI auth. supported.
- fixed iTunes and UPnP works incorrectly
- add "+" and "-" fine tune buttons in partition resize page.
- add NAS partition information in status page
- fixed TB compatibility issue

✓ **Known issues:**

- UPnP can't work with DLNA (PS3) at the same time
- UPnP "refresh" button works incorrectly
- iSCSI resize issue
- FTP language issue
- something wrong with e-mail alert