

Release Notes

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*****
*                               *
*           SmartLF Scan!firmware v2.00           *
*                               *
*****
```

WARNING:

Scanners with serial numbers after S8070255 (JUL2018) manufactured with v1.31 firmware or higher MUST NOT BE DOWNGRADED to firmware lower than v1.31 as this will brick the scanner and require it to be returned to the manufacturer for specialist attention.

COMPUTER SOFTWARE:

Requires computer Scan! NetApp v2.3.9 or above.

Do not mix different versions of the NetApp on the same network. After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with new user options unique to this upgrade if required.

General:

- Support for rainforest365 removed.

Display additions:

- None

New error codes:

- None

Functions added:

- None

Fixes: -

Known problems:

- NetApp displays 'Scanner disconnected' when documents move through the scanner. This is normal.

Notes: Please refer to the latest user instructions available at:

https://www.colortrac.com/smartdownloads/product_docs/scan/SLFSCAN_UI_88N001J_EN_NOV2019.pdf
 These instructions are bundled with the NetApp software.

Release Notes

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*****
*                               *
*           SmartLF Scan!firmware v1.32           *
*                               *
*****
```

WARNING:

Scanners with serial numbers after S8070255 (JUL2018) manufactured with v1.31 firmware or higher MUST NOT BE DOWNGRADED to firmware lower than v1.31 as this will brick the scanner and require it to be returned to the manufacturer for specialist attention.

COMPUTER SOFTWARE:

Requires computer Scan! NetApp v2.3.9 or above.

Do not mix different versions of the NetApp on the same network. After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with new user options unique to this upgrade if required.

General:

Further Ethernet TCP stack improvements

Display additions:

- None

New error codes:

- None

Functions added:

- None

Fixes: -

Known problems:

- NetApp displays 'Scanner disconnected' when documents move through the scanner. This is normal.

Notes: Please refer to the latest User Instructions at:
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001I_EN_2019-07-31.pdf.
These instructions are bundled with the NetApp software.

COLORTRAC OCTOBER 2018
Release Notes

* SmartLF Scan!firmware v1.31 *

WARNING:

Scanners with serial numbers after S8070255 (JUL2018) manufactured with v1.31 firmware or higher MUST NOT BE DOWNGRADED to firmware lower than v1.31 as this will brick the scanner and require it to be returned to the manufacturer for specialist attention.

COMPUTER SOFTWARE:

Requires computer Scan! NetApp v2.3.9 or above.

Do not mix different versions of the NetApp on the same network. After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with new user options unique to this upgrade if required.

General:

Ethernet TCP improvements (small packet size tolerance)
Paper auto width detection algorithm improved
Automatic SD memory reformatting during upgrade

Display additions:

- None

New error codes:

- None

Functions added:

- Auto SD card reformat during firmware update that replaces the manual recovery function of the preceding release.

Fixes: - Greyscale corruption when scanning to USB.

Known problems:

- NetApp displays 'Scanner disconnected' when documents move through the scanner. This is normal.

Notes: Please refer to the latest User Instructions at:
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001H_EN_2018-01-10.pdf.
These instructions are bundled with the NetApp software.

COLORTRAC APRIL 2018
Release Notes

* SmartLF Scan!firmware v1.26 *

IMPORTANT:

Requires computer Scan! NetApp v2.3.9 or above.

Do not mix different versions of the NetApp on the same

network. After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with new user options unique to this upgrade if required.

General:

Display additions:

- None

New error codes:

- None

Functions added:

- Internal data buffering (process improvement).
- Recovery function to reformat the internal SD memory card. Contact your technical support provider for instructions on how to enable. WARNING - Scans stored inside the scanner will be erased.

Fixes: - Increased read and write timeout for SD card communication.

Known problems:

- NetApp displays 'Scanner disconnected' when documents move through the scanner. This is normal.

Notes: Please refer to the latest User Instructions at:
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001H_EN_2018-01-10.pdf.
These instructions are bundled with the NetApp software.

COLORTRAC JANUARY 2018

Release Notes

* SmartLF Scan!firmware v1.23 *

IMPORTANT:

Requires computer NetApp v2.2.3 or above.
Do not mix different versions of the NetApp on the same network. After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with any new user options new to this upgrade if necessary.

General:

CHANGES TO MAXIMUM SCAN LENGTH
Product maximum increased to 200" (5m)
Each DPI has fixed maximum length
Maximum lengths apply across all file formats
200 DPI - up to 200" (5m)
300 DPI - up to 200" (5m)
400 DPI - up to 150" (3.8m)
600 DPI - up to 109" (2.7m)

All scan data moved over Ethernet is now buffered inside the scanner preventing corruption over slow or interrupted networks. This change has allowed the scanner to be run faster at higher dpis.

Display additions:

- None

New error codes:

- None

Functions added:

- Internal data buffering (process improvement)

Fixes: - Occasional MAC address configuration failure

- Buffering forced for all pc scan scenarios
- Increased scan memory buffer size
- IP address memory maintenance

- USB detection and recognition failure with slower devices

Known problems:

- None

Notes: Please refer to the latest User Instructions at:
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001H_EN_2018-01-10.pdf.
These instructions are bundled with the NetApp software.

COLORTRAC NOVEMBER 2016
Release Notes

* SmartLF Scan!firmware v1.10 *

IMPORTANT:

Requires computer NetApp v2.2.3 or above.
Do not mix different versions of the NetApp on the same network.
After upgrading firmware always 'Restore factory settings'. This is done from the maintenance (wrench) menu and will update the scanner with any new user options new to this upgrade if necessary.

General:

This version of firmware and software app have been changed to improve the user experience.

Display additions:

- none

New error codes:

- none

Functions added:

- none

Fixes:

- minor Ethernet timing issue resolved
- increased memory available for JPEG compression

Known problems:

- scanning color TIFF via Ethernet at 600dpi can freeze with certain originals containing very dense information

COLORTRAC AUGUST 2016
Release Notes

* SmartLF Scan!firmware v1.08 *

IMPORTANT:

Requires computer NetApp v2.2.3 or above.
Do not mix different versions of the NetApp on the same network.
If upgrading from 0.19 select 'Restore factory settings' from the more settings menu to have the scanner update the user options new to this upgrade.

General:

This version of firmware and software app have been changed to improve the user experience. Please refer to the latest User Instructions for more information
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001I_EN_2016-08-26.pdf

Display additions:

- none

New error codes:

- none

Functions added:

- none

Fixes: - reduced grayscale scan speed for scans wider than 24"@ 600dpi

Known problems:

- some originals can stall the scanner when scanning greyscale/USB.

COLORTRAC AUGUST 2016

Release Notes

* SmartLF Scan!firmware v1.07 *

IMPORTANT:

Requires computer NetApp v2.2.3 or above.
 Do not mix different versions of the NetApp on the same network.
 If upgrading from 0.19 select 'Restore factory settings' from the more settings menu to have the scanner update the user options new to this upgrade.

General:

This version of firmware and software app have been changed to improve the user experience. Please refer to the latest User Instructions for more information http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001I_EN_2016-08-26.pdf

Display additions:

- out of paper icon error messaging
- dashboard availability icons
- QR code display to screen (portable device pairing)
- rainforest365 icon steady(available), icon flashing(making contact)
- continuous loop menu navigation
- scan mode and availability icons ordered near(left) cloud(right)
- red X scan failure icon

New error codes:

- ERR_NO_PAPER, // 1
- ERR_INVALID_MODEL, // 2
- ERR_CAL_PARAMS_INVALID, // 3
- ERR_CAL_PARAMS_MISSING, // 4
- ERR_SD_MOUNT, // 5
- ERR_SD_READ, // 6
- ERR_SD_WRITE, // 7
- ERR_SD_FULL, // 8
- ERR_SD_FORMAT, // 9
- ERR_SD_CLOSE, // 10
- ERR_USB_MISSING, // 11
- ERR_USB_MOUNT, // 12
- ERR_USB_CORRUPT, // 13
- ERR_USB_READ, // 14
- ERR_USB_WRITE, // 15
- ERR_USB_FULL, // 16
- ERR_USB_DELETE, // 17
- ERR_USB_CLOSE, // 18
- ERR_ETHERNET, // 19
- ERR_ETHERNET_NO_PC, // 20
- ERR_ETHERNET_NO_CLOUD, // 21
- ERR_ETHERNET_PC, // 22
- ERR_ETHERNET_CLOUD, // 23
- ERR_STITCH, // 24
- ERR_NORM, // 25
- ERR_LED, // 26
- ERR_UPDATE, // 27

Functions added

- rainforest365 support (DHCP/static IP address)
- added gateway and DNS support
- added TCP stack functionality for hosts outside of LAN
- multiple auto stitch (re-stitch) enabled (service)
- unstitched scan mode enabled (service)

Fixes: - status icons no longer overwriting info and configuration menus
 - improved error handling and UI when unplugging USB or ethernet

Known problems:

None

Release Notes

* SmartLF Scan!firmware v1.02 *

IMPORTANT:

Requires computer NetApp v2.2 or above.
Do not mix different versions of the NetApp on the same network.
If upgrading from 0.19 select 'Restore factory settings' from the
more settings menu to have the scanner update the user options
new in this upgrade.

General:

This version of firmware and software app have been changed to
improve the user experience. Please refer to the latest User Instructions for more information
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001G_EN_2016-06-16.pdf

Fixes: Status icons no longer overwriting info and configuration menus

Known problems:

None

Release Notes

* SmartLF Scan!firmware v1.01 *

IMPORTANT:

Requires computer NetApp v2.2 or above.
Do not mix different versions of the NetApp on the same network.
Select 'Restore factory settings' from the more settings menu to
have the scanner update the user options added in this upgrade.

General:

This version of firmware and software app have been changed to
improve the user experience.
Please refer to the latest User Instructions for more information
http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001G_EN_2016-06-16.pdf

Display additions:

- display scan target selected, pc/internal/USB stick (icons)
- network IP address of connected pc (xxx.xxx.xxx.xxx)
- network data transfer progress (MB)
- network data transfer success (green tick icon)
- network pc not reachable (icon)
- USB stick free space indication (MB)
- USB full live scan free space check (code if insufficient space)
- USB stick format type compatible (FAT32)
- USB stick data transfer progress (MB)
- USB stick data transfer success (green tick icon)
- USB stick format incompatible/corrupted/unformatted (icon)
- USB stick missing (code and icon)

Usage additions:

- JPEG file format
- PDF file format now the power-on default
- auto-size now the power-on default
- paper load delay for easier loading
- error reporting for problem diagnosis (see below)
- improved calibration target handling
- black and white point default levels improved
- firmware updating error code assistance (code and icon)
- calibration success (green tick)

Fixes:

- heading and trailing margins adjusted
- time allowed to read slow USB sticks increased

Other:

- black point and white point defaults changed to mid position

NetApp:

- PDF auto display on pc (requires an installed PDF reader)
- connection check for a scanner on the same network
- see separate release notes

Diagnostics:(error codes)

- ERR_INVALID_MODEL, // 1
- ERR_CAL_PARAMS_INVALID, // 2
- ERR_CAL_PARAMS_MISSING, // 3
- ERR_SD_MOUNT, // 4
- ERR_SD_READ, // 5
- ERR_SD_WRITE, // 6
- ERR_SD_FULL, // 7
- ERR_SD_FORMAT, // 8
- ERR_SD_CLOSE, // 9
- ERR_USB_MISSING, // 10
- ERR_USB_MOUNT, // 11
- ERR_USB_CORRUPT, // 12
- ERR_USB_READ, // 13
- ERR_USB_WRITE, // 14
- ERR_USB_FULL, // 15
- ERR_USB_DELETE, // 16
- ERR_USB_CLOSE, // 17
- ERR_ETHERNET_NO_PC, // 18
- ERR_ETHERNET_SCAN, // 19
- ERR_STITCH, // 20
- ERR_NORM, // 21
- ERR_LED, // 22
- ERR_UPDATE, // 23

Known problems:

The information and network IP address configuration screens are corrupted by unwanted graphics information after several seconds. Configuration is still possible and users should refresh the screen to check input. To be fixed at earliest opportunity.

COLORTRAC OCTOBER 2015

Release Notes

 * SmartLF Scan!firmware v0.19 *

Always read the the user instructions before attempting to install new firmware.

Features added in this release:

- * Stitch calibration function added to user interface

Known issues:

- * None

User instructions can be found here:

http://www.colortrac.com/smartdownloads/product_docs/scan/SCAN_UI_88N001D_EN_2015-10-30.pdf