

N*Cast

Release Notes

Telepresenter M3

Version 3.1.9

(Final Release)

July 2010

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Introduction

This note covers the changes to software through **Version 3.1.8** of the NCast Telepresenter products, . Before you install, please review the supported configurations table in these release notes and verify you are using the products properly.

<i>Release History</i>	<i>Date Released</i>	<i>Product</i>
3.0.1 - Initial Release	June 7th, 2006	Telepresenter M3
3.0.2 – Firmware Fixes	July 5 th , 2006	Telepresenter M3
3.0.3 – Burst Mode	August 9th, 2006	Telepresenter M3
3.0.4 – .png Fix	October 6 th , 2006	Telepresenter M3
3.0.6 – GSI Memory	November 22 nd , 2006	Telepresenter M3
3.0.7 – FPGA .24 support	February 27 th , 2007	Telepresenter M3
3.0.8 – RoHS Support	March 12 th , 2007	Telepresenter M3
3.1.0 – Features Update	May 1 st , 2007	Telepresenter M3
3.1.3 – Features Update	December 1 st , 2007	Telepresenter M3
3.1.4 – Bug Fixes	January 10 th , 2008	Telepresenter M3
3.1.5 – Bug Fixes	February 14 th , 2008	Telepresenter M3
3.1.6 – Bug Fixes	March 31 st , 2008	Telepresenter M3
3.1.7 – Bug Fixes	September 18 th , 2008	Telepresenter M3
3.1.8 – Bug Fixes	March 19 th , 2010	Telepresenter M3
3.1.9 – Bug Fixes	July 14 th , 2010	Telepresenter M3

Software Updates

You may obtain the most current software by clicking the UPDATE button in the Telepresenter Configuration menus.

Version 3.1.9 changes

Bug fixes

Updated default SSL certificate and private key.

HTTP server security fix.

Web configuration update fix.

Start session fix.

Configuration update fix.

MP4 hint track fix. Fixes VOD streaming issue introduced in 3.1.8

Digitizer driver chipset revision fix.

Version 3.1.8 changes

Bug fixes

Signal handler fix.

MP4 processing fix (files with size around 4GB).

Archive upload sequence fix.

Audio recording start time fix.

PNG buffer size fix.

Web page file upload fix.

Version 3.1.7 changes

Bug fixes

N-Way log file fix.

Changed default "Contact name" to "Administrator".

Changed default "Archive presenter" to "Presenter".

Auto aspect ratio fix.

Increased UDP buffer size.

Refresh SDP file on aspect ratio change.

Archive duration fix.

Automatic recording fix.

Version 3.1.6 changes

Bug fixes

RTCP SSRC fix.

XML character encoding fix

Javascript character encoding fix

Corrupted archives fix

Archive processing space estimate fix

RPC socket fix

Archive duration fix

Changed default N-Way server to nway.ncast.com

Version 3.1.5 changes

Bug fixes

Internet Explorer fix (was reporting JavaScript error on channel details page)

MP4 file fix (Audio corrupted on >4GB files)

Version 3.1.4 changes

Bug fixes

FPGA version 0.34

Enabled N-Way tab permanently

New SATA driver (p8sga only)

PIP border

Audio meter window position: top-left, top-right, bottom-left, bottom-right

New serial interface commands:

- a) b0|1 - PIP border off/on
- b) mnw|mne|msw|mse - audio meter window position

New serial interface status fields:

- a) b0|1 - PIP border off/on
- b) mnw|mne|msw|mse - audio meter window position

AAC audio decoder timestamp fix (packet with one audio frame case).

Bandwidth smoothing fix

PIP input detection on start fix

Display framerate

FTP upload fix

Version 3.1.3 changes

Bug fixes

Lip synchronization fix

New Features (to synchronize with M3 Series 2)

Added the IP address to the audio meter on the console screen

Archive processing optimization.

Serial interface changes:

- a) new commands: ma, ml, mn
- b) changed RD command response to ">x,y"
- c) new status fields:
 - a[0|1|2|3|4|5|a|b|c|d]
 - W[F|NW|NE|SW|SE|L|R|A|B|C|D] (DCC 3 only)

-
- w[f|nw|ne|sw|se|l|r|a|b|c|d] (DCC 3 only)
 - o1[0|1]
 - o2[0|1]
 - o3[0|1]
 - o4[0|1]

Archive XML file changes:

- a) added filename tag
- b) added unit tag
- c) added seconds to start tag
- d) added width & height tags
- e) added aspect_width & aspect_height tags
- f) added bitrate tag
- g) added framerate tag

Added archive title and presenter to channel.

Added archive filename to channel with special parameters:

- %a - abbreviated weekday name
- %b - abbreviated month name
- %c - 4 digit counter
- %C - 6 digit counter
- %d - day of the month (01 to 31)
- %H - 24 hour clock (00 to 23)
- %I - 12 hour clock (01 to 12)
- %m - month (01 to 12)
- %M - minute (00 to 59)
- %n - channel number (001 to 100)
- %p - AM or PM
- %P - am or pm
- %S - seconds (00 to 61)
- %Y - year
- %% - %

Added ftp upload path special parameter:

- %n - channel number (001 to 100)

Changed firmware version to 1.5

Version 3.1.0 changes

Bug fixes

VGA signal detection on start fix

SDP file fix for unicast addresses

current ethernet mode fix

makedisk.sh script fix

httpd.conf & ssl.conf software update fix

QuickTime launch fix

.htaccess file fix

upload.cgi security fix

New Features

automatic unicast - automatically transfers M3 SDP files to QTSS/DSS server.

FTP upload - Automatic and manual upload of archives to an FTP server.

USB Matchbox experimental support (on p4sga & p8sga) - support for USB Matchbox Balanced Audio Input device.

Other Changes

hard disk auto-formatting support added

new USB network configuration file

NTP client, date & time options

new serial commands

minor web page layout changes

Version 3.0.8 changes

Bug fixes

Updated timezone files to adhere to new DST rules

New Features

Support added latest FPGA code 0.25 for RoHS Compliance

Version 3.0.7 changes

Bug fixes

None

New Features

Support added latest FPGA code 0.24

Version 3.0.6 changes

Bug fixes

None

New Features

Support added for GSI memory chips

Linux Kernel updated

Applied new Linux Security updates

Power Down configuration change

Version 3.0.4 changes

Bug fixes

Fixed- Some overlay .png files were not accepted correctly by the system. This release addresses and fixes that problem.

New Features

Support- Support for universal .png files.