

N*Cast

Release Notes

Telepresenter M4

Version 5.2.3

(Software Updates)

August 2nd, 2010

NCast Support

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Introduction

This note covers the changes to software in the NCast Telepresenter products.

Software Updates

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

Version 5.2.3 changes

August 2nd, 2010

New features

Added interlaced display modes.
Added D26 and D27 serial commands.
Refined e-mail error messages.

Bug fixes

Updated default SSL certificate and private key.
HTTP server security fix.
Web configuration update fix.
Factory defaults fix.
Start session fix.
Automatic unicast channel auto start fix.
Configuration update fix.
MP4 hint track fix. MPEG-4 Part 2 files would not stream from a server.
Scheduler fix.

Version 5.2.2 changes

April 30th, 2010

New features

Digitizer card driver chipset revision update.

Version 5.2.1 changes

April 15th, 2010

New features

Updated H.264 encoder and tuned H.264 encoder setting (improved performance).

Bug fixes

H.264 encoder fix (capture size not aligned to 16 pixels).
Image capture thread fix.
Recording captures file recovery fix.
Changed max archive title, presenter & description length to 512 chars.
Minor web page spelling fix.

Web page access level fix.

Digitizer driver chipset revision fix.

Version 5.2.0 changes

February 25th, 2010

New features

E-mail notifications of events, including routine events such as completion of uploads, and system error events, such as disk full.

Transcoding to Theora codec.

DVI output support option (NVidia card).

Archive local screen playback, including Stop, Start, Pause.

Archives trash can. Changed minimum free archive space to 5%.

Video preview.

Video thumbnail (must check "Show thumbnail" Channel option).

Added HTTP API.

Image capture through HTTP API.

Added RealPlayer launcher.

Added event & serial logs, removed scheduler & upload logs, added logs download.

Added "Custom NTP servers" option.

Added "Add MP4 hint tracks" Channel option.

Added "Optimize MP4 layout" Channel option.

Added "Padding" text overlay option.

Added "Audio loopback gain" Sources option.

Changed Backup password to HTTP API password.

Changed Viewers tab layout. Viewers file optimization.

Increased Viewers max count to 10000.

Intra force optimization.

Hide status bar for viewers.

Coordinator can remove and edit archives.

Recording can be stopped and paused in Auto mode.

Recording option now defaults to "Manual".

RL command lists ready archives only.

Bug fixes

Factory defaults fix.

Software update URL fix for pdsba architecture.

Web page security fix.

Scheduler PID file fix.
Web page file upload fix.
MP4 processing fix (files with size around 4GB).
SSH upload status fix.

Version 5.1.0 changes

August 5th, 2009

New features

Added custom frame size, aspect and window fields to Channel page.
Added custom window fields to Sources page.
Redesigned Automatic Unicast. Now a new Type in the Channel Table.
Moved Upload configuration to Channels.
Added Logs tab.
Added USB Matchbox support.
Changed serial interface processing status to Q[0|1].
Added serial interface A3 command and A3:100 status.
Added streaming and recording status to audio meter window.
Added W,x,y,w,h and w,x,y,w,h serial commands.
Changed serial interface aspect ratio status to aw:h.
Changed serial interface capture size status to cwxh.
Changed serial interface main window status to Wx:y:w:h.
Changed serial interface PIP window status to wx:y:w:h.
Removed serial interface a<0|1-5|a-d|s> and a<a-d>,w,h commands.
Removed serial interface S<1-18|A-J> and S<A-J>,w,h commands.

Bug fixes

SSH File Transfer Protocol interactive password fix.
Audio levels serial commands fix.
Certificate and private key verification fix.
M3S2 audio output fix.
Archive processing fix.

Version 5.0.5 changes

April 29th, 2009

Bug fixes

1280x800 capture size fix, new driver installed.

Version 5.0.4 changes

April 2nd, 2009

Bug fixes

Large archive (greater than 4GB) processing fix. Archive shows corrupted state, but recording is recoverable.

Version 5.0.3 changes

March 19th, 2009

New features

Added PSI serial command.

Added archive processing status to serial status line.

Added archive uploading status to serial status line.

Transcoding to WMV.

Renamed SDP file to live.sdp.

Renamed Automatic Unicast SDP file to live.sdp.

Bug fixes

SDP file fix.

Fixed QuickTime full screen links.

Version 5.0.2 changes

March 3rd, 2009

Bug fixes

Digitizer driver fix.

Version 5.0.1 changes

February 27th, 2009

New Features

Added Video Adjustments web page.

Changed default transcode filename.

Changed Session, Channel and Sources web pages.

Bug fixes

Digitizer driver frame-rate conversion fix.

SDP file fix.

Unique transcode filename fix.

Scheduler duplicate events fix.

Version 5.0.0

June 7th, 2008

Initial software release.