NovoDisplay DK2 Release Notes

V4.3.3

2023/11/7

Enhancements & Changes

- Added panel type menu in Display settings, allowing users to turn off DK3 screen during sleep mode. (This is needed when the OPS module is used in a DK3 unit.)
    - Note: Please use PL2303-based USB-to-RS232 cable to connect the OPS unit and the panel’s RS232 port.

V4.3.2

2023/8/21

Notes

- Use the following software versions (or above) to have the best user experience
    - Remote Manager with version V3.3.4 or above.
    - NovoConnect App (Android/ iOS) with version V4.5.4 or above.
    - NovoConnect Software and Wi-Fi Launcher with version V4.5.5 or above.
    - NovoConnect BYOM driver with version V2.1.0
    - BYOM device driver with version V1.40

Key Features

- Added “Broadcast” feature in NT LiveScreen, which allows users to view the NovoTouch screen via a web browser on a tablet, a mobile phone or a laptop.

Enhancements & Changes

- BYOM device driver updated to V1.40
- Added BSP version number in “About” page.
- Removed web conferencing apps: Meet, Skype, Teams, Webex Meet, and Zoom.
- [NovoDS] NovoDS App is upgraded to V4.2.6
    - Implemented standalone APK upgrade mechanism, independent of the system-wide OTA upgrade.
    - Twitter widget – updated to support service changes by Twitter (now “X”).
    - YouTube widget – updated to support security changes by Google.
    - Optimized the animation effect during image transition.
    - Changed the time format in Calendar widget to follow System Time format (12h or 24h).

Bug Fixes

- [NT LiveScreen] Resolved the video transmission issue when microphone was enabled in NT LiveScreen settings but a microphone was not present.
- [DK2 Series] Resolved the problem of the device powering off instead of entering sleep mode when the user presses the POWER button of the Remote Control.

V4.3.1

2022/8/26

Key Features

- BYOM Support on Mac (MacOS 10, 11, and 12 for Intel-based Mac).
- NovoConnect app full screen mirroring support for IOS 12.1 or later.
- [Device/Studio/DS Cloud] Media widget to play PDF with

specified number of pages
- [Device] Support for displaying “weekly” events in the calendar with blue and green theme colors and two options:
    - Option 1: 7 days a week
    - Option 2: 5 working days per week
- [Device] Audio announcement support: upload audio files (wav, mp3) or make live recordings.
- [Device] Support UTF-8 / UTF-16 text format.
- [Device] Support M3U & PLS & MP3 format.
- [Device] SMB 2.0 support via remote media widget.

Enhancements & Changes:

- Support BYOM cross-network connection function on Windows/Mac.
- Support Aver CAM340+ using BYOM on Windows/Mac.

Bug Fixes:

- Fixed an issue where the device type was displayed as “Android” in the user list when an iOS device was connected via NovoConnect APP V4.5.2.
- [Device] Fixed an issue of abnormal display of remote text/UTF-8/UTF-16/Unicode.
- [Device] Fixed YouTube widget freezing after about 1.5 hours of playing a client-provided playlist.
- [Device] Fixed the issue that DS devices could not be registered to NovoDS.com when the cloud service was enabled after software upgrade.
- [Device] Fixed an issue where the playback speed slowed down over time after playing a PDF for a long time.
- [DS Cloud] Fixed an issue where announcements/playlists were posted very slowly.
- [DS Cloud] Fixed an issue where sometimes playlists could not be published.

V4.3.0

2021/12/31

Key Features

- Support 4K resolution.
- BYOM [On/Off] icon in the home screen configuration, the factory default is “On”.
- Users can purchase a BYOM license key or register for a 30-day free trial.
- After BYOM is enabled, Session info display will include the device Camera/Microphone/Speaker detected by NovoDisplay, and the BYOM icon will be displayed in the lower right corner of the home screen.
- Use NovoDisplay or Remote Manager3.0+ to set BYOM license key.
- Support (software) remote control function.
- Audio sampling rate, the default is 44.1 KHz, can be set through NT Settings or Remote Manager3.0+.
- The sound output can be set through NT Settings or Remote Manager V3.3.0+ for Auto Detection, USB speakers, HDMI speakers, Bluetooth speakers, and line out.
- Support adjustable Panel Blue-Light Mode which is adjustable via NT Settings or Remote Manager V3.3.0+.
- Controlling NT Live Start/Stop and switching Broadcast/Receiver dynamically via NovoConnect App [on Windows and Mac].
- NT announcement function. Users can use Restful API or Remote Manager V3.3.0+ to add announcement messages or change settings (default: Off).
- Support automatic reboot function, can be set through Remote Manager V3.3.0+ (default: Disable).
- Network Stability Monitor with [On/Off] setting which is configurable via NT Settings (default: On). (DSA/Wi-Fi Launcher will display the network stability monitoring status icon during full-screen mirroring).

- NT Live Screen supports USB microphone sound playback.
- Added time zone auto detect function.
- Support sleep timer mode.
- NovoDS default playlist: If NovoDisplay has no user-uploaded playlist, NovoDS will play the default playlist when the remote control triggers the play action.

Enhancements & Changes:

- Skype: Clear History, Account and Data.
- Show Meeting ID [Enable/Disable] default value was set to Enable.
- Modified the text description when LauncherPlus Lite version is connected to the educational version of the device, prompting the user to install the Full version.
- LauncherPlus Full version Client Moderator rule. The first connected LauncherPlus Full version client set itself as moderator automatically when the device is in Education mode.
- Added a prompt not to enter manual pairing when pairing LauncherPlus QL300 (2.4G only) under 5G hotspot.
- Changed the default keyboard input method to GBoard.
- Added encrypt for Remote Manager, File Sharing, Voting & AirNote data.
- Added floating widgets of Home Key and Back Key when leaving the NovoDisplay homepage.
- Improved initial projection speed and reduced the mirroring latency for NovoConnect Software / Wi-Fi Launcher.

Bug Fixes

- Fixed the position shift issue of the remote mouse cursor on the PC screen when using NovoConnect software to connect to NovoDisplay.
- Fixed the black screen issue when using AirPlay to connect to ND-K2000 to play Youtube Live.
- Fixed the problem of disconnecting when using AirPlay to

connect to ND-K2000.
- Fixed the issue of NovoDisplay restarting when using multiple devices connected to projection for a long time.

V4.2.2

Enhancement & Changes

- Added WiFi Driver
- Fixed DHCP issue at Ethernet mode

V4.2.1

Key Features

- MDM support
- Support HDMI-IN on Presentation/ Signage mode
- Support factory reset via DS Studio or NovoDS.com cloud service remotely
- [Signage] Support RSS/ATOM/CAP and MRSS format via NovoDS.com

Improvements

- Support factory reset via DS Studio or NovoDS.com cloud service
- Update Google Meeting app
- [Signage] Remote media/ Google Drive enhancement
- [Signage] Social media/ Facebook & Instagram enhancement
- [Signage] Clock widget enhancement

Bug Fixes

- Fixed USB video conferencing camera plug-n-play crash issue
- Fixed buzzing sound issue in Skype and Microsoft Teams when using video conferencing camera
- Fixed USB wired sound bar and VC camera sound output

confliction (when user using video conferencing speaker and USB speaker the same time, sound output will be from USB speaker only)
- [Signage] Fixed PDF and Store Traffic crash issue
- [Signage] Fixed portrait mode 4K video playback issue

V4.2.0

New Features

- Home screen
  - Add short-cut “Web Conferencing” for quick access to video conferencing Apps, such as Zoom.
  - Add App page (as the second screen) which allows users to install additional Apps
  - Allow users to customized background images
- Support NT Live
- Others new features
  - Sleep timer (a RS-232 cable is required)
  - Auto reboot
  - Low blue light
  - Panel on/off (a RS-232 cable is required)

Improvements

- Enhance the protection mechanism of firmware upgrade to increase its robustness
- Reduce the time it takes to complete a firmware upgrade cycle (from 20+ minutes to 3 minutes)
- Fix YouTube playback issues in AirPlay mirroring

V4.1.0

New Features

- Enable users to turn on/off Presentation and Signage modes individually
- Support AirNote and Voting/Polling

- Allow users to start mirroring from web-browser
- Meeting-ID is changed from a mix of “digits and alphabets” to all “digits”
- [NovoConnect Software] “Desktop Streamer” software is renamed as “NovoConnect Software”
- [NovoConnect Software] Allow users to clear “connection history”

Improvements

- Bootup image is updated with “Vivitek” log
- Optimize the switching operations between Presentation and Signage modes
- Optimize file transfer mechanism used by sharing, AirNote, and Voting/Polling

Bug Fixes

- Fixed the issue of “failure to play avi/wmv/wma/mpg files and video-over-IP streams”
- Fixed several issues related to LauncherPlus pairing
- Fixed a number of stability issues, include long-time mirroring, re-connection mechanism, etc.