

ViPlex Express & ViPlex Handy & Taurus



Release Notes

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1 ViPlex Express

1.1 V4.1.1-20260720

Feature Updates

New Features

- Added device operation logs.
- Added alarm logs for devices and playlists.
- Added support for searching devices with static IPs.
- Allows devices to be bound to VNNOX Care cloud monitoring platform.
- Added support for import/export of device configuration parameters.
- Allows users to lock the aspect ratio of media.
- Added support for media cropping/rotation/flipping.

Improvements

- Improved video transcoding for ultra-long screens.
- Improved device self-check with added current playlist alarms in the report.
- Improved playlist playback properties, enabling automatic calculation of full content playback duration.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

1.2 V4.1.0-20260713

Feature Updates

New Features

Added support for AI image generation/editing.

Improvements

None

Bug Fixes

None

Known Issues

None

1.3 V4.0.1-20260603

Feature Updates

New Features

None

Improvements

None

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

Supporting Devices

Device Name	Supporting Version
TB series	V4.7.4 and later
TU series	V1.6.0 and later

1.4 V4.0.0-20260126

Feature Updates

New Features

- Redesigned the user interface and layout.
- Added support for screen group management, enabling group control.
- Added support for monitoring, enabling real-time monitoring and control of devices.
- Added the screen topology feature with support for complete screen configuration process.
- Added support for the configuration of multifunction cards, sensors, RF, etc.
- Allows users to customize labels for relay power supplies.
- Added support for demonstration mode.

Improvements

None

Bug Fixes

None

Known Issues

None

Supporting Devices

Device Name	Supporting Version
TB series	V4.7.4 and later
TU series	V1.6.0 and later

1.5 V3.0.5-20251014

Feature Updates

New Features

- The internal source resolution of the TB series devices supports a frame rate 50Hz.
- Users can specify an image for the web page media to display when the TB series devices have no Internet access.
- Users can set a TB series device as the NTP server for time synchronization.

Improvements

Improved the detection of whether a solution exceeds the limit.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

1.6 V3.0.4-20250403

Feature Updates

New Features

- Supports real-time preview of playback effects during solution editing.
- Allows users to hide offline devices when selecting a screen to create a new solution.

Improvements

- Screen names support more languages.
- The resolution of an ultra-long-screen solution can be changed during solution editing.
- Improved the NTP time synchronization server, allowing for automatic matching of the optimal server.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

1.7 V3.0.3-20241115

Feature Updates

New Features

- Supports image transcoding during solution publishing.
- Allows the password and binding information to be reset via USB drive.
- Supports online OTA upgrade for the TB series.
- Supports custom resolutions and scheduled switching for the TU40 Pro.

Improvements

- During solution creation, the resolution can be filled automatically according to the selected device.
- During solution creation, a resource folder can be accessed quickly by entering the folder path.
- During upgrade, the upgrade progress can be displayed, other devices can be added and the upgrade window can be closed, making upgrade more intuitive and smooth.
- Improved the device multi-selection interaction, allowing for easy select, select all, and deselect actions through check boxes.
- Allows users to change the Wi-Fi name in **Network configuration > Wi-Fi Network**.
- Improved the device monitoring information to display the actual available space and total space of both internal storage and external expanded storage.

Bug Fixes

None

Known Issues

None

1.8 V3.0.0-20240820

Feature Updates

New Features

- Allows solutions that exceed the playback limit of the device to be transcoded automatically.
- Added light appearance, allowing users to switch between dark and light appearance.

Improvements

- Improved the interactive logic of the solution editing page.
- Improved the scheduling logic of the original advanced solutions to make the operation process clearer.
- Improved device search speed and connection stability.
- Improved the data transmission speed for solution publishing and upgrade.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

1.9 V2.27.0-20240613

Feature Updates**New Features**

- Supports device diagnostics when working with the TU series devices V1.5.0 and later, allowing users to view and download the detailed diagnostics reports.
- Supports the TTC format in solutions when working with the TB series devices V4.6.7 and later.
- Supports OTA upgrade (online upgrade and differential package upgrade) when working with the TU series devices V1.5.0 and later.
- Allows users to switch between HDMI1, HDMI2 and Android source and turn on/off screen scaling when working with the TU series devices V1.4.0 and later.
- Allows users to set media switching mode, interval and more for USB playback when working with the TB series devices V4.6.7 and later.

Improvements

- Added notes for the operations that are not supported in tables during solution editing.
- Added a note for RF management status.

- Improved the note for receiving time synchronization information.
- Improved the display and description of device memory usage.
- Improved and standardized the rules for the device password and AP password.

Bug Fixes

- Only the first page is played when the table file is too large.
- An error occurred upon the first launch of ViPlex Express V2.25.0 on Windows 11.
- Static Arabic text in a solution is displayed incorrectly.

Known Issues

None

1.10 V2.26.0-20240131

Feature Updates

New Features

- The font size of text can be set up to 512.
- Added a prompt when login fails on the user software page.

Improvements

- Improved the prompt message when users add videos to ultra-long-screen solutions.
- Improved the UI of mobile network settings when devices that do not support mobile network settings are connected.
- Improved backup and prestored image menus. The menus are not displayed when devices that do not support the functions are connected.
- Improved the prompt message when users change the password.
- The current location of the media file is displayed when users view the file.
- Moved the prompt message of disabling firewall to a more conspicuous position.

Bug Fixes

- Website OEM in **About** is wrong.
- A blank screen is displayed after an Excel file is imported to a table media and data processing is wrong.

- When a solution is saved as another one, the data in the table is not processed as a copy.
- An error occurs after text media is selected by using **Ctrl + A** and deleted.
- In studio mode, static text cannot be centered during playback.
- When the LCB2K is connected, SSH connection fails and a message saying incorrect account name or password is displayed.
- The time synchronization page is empty.
- An error message is displayed when the time zone is changed.
- There is no mechanism to retry for the file transfer service.
- An error occurs when a solution containing empty text is being published.
- An error occurs and the software gets stuck because the screenshot function is not compatible with FTP.
- Devices cannot be found and connected because the local IP address cannot be read when users turn on DHCP.
- The **Backup** button is displayed when devices do not support backup are connected.
- When the AP password and device password are changed at the same time, device password cannot be changed.

Known Issues

None

1.11 V2.25.0-20231031

Feature Updates

New Features

Allows users to select **Start Playback Simultaneously** when users publish a solution to multiple devices.

Improvements

Improved the display of the menus on the Terminal Control page.

Bug Fixes

- The SSH debug tool prompts that the password is wrong.

- When ViPlex Express is installed for the first time, there are devices that are connected before are displayed on the **Terminals**
- When text that is not pixel-to-pixel display is published to multiple terminals both earlier and later than V4.0.0, the screens go black.

Known Issues

None

1.12 V2.24.0-20231019

Feature Updates

New Features

- Ultra-long-screen solutions support video playback.
- The 485 communication port can be used by APK.

Improvements

- Improved the default device password to enhance device security.
- Improved the prompt for incorrect custom resolutions.
- Improved the display of the preview window.

Bug Fixes

- Fixed the problem that the displayed time zone of the device is wrong when the Daylight Saving Time is observed.
- Fixed the problem that the time of clock media during editing is not the same as the time during preview during Winter Time and Daylight Saving Time.
- Fixed the problem that parsing fails when an Excel file is added.

Known Issues

None

1.13 V2.23.0-20230705

Feature Updates

New Features

- Supports NS2K-40H.
- Allows users to schedule power on/off (available for NS2K-40H only).

Improvements

None

Bug Fixes

None

Known Issues

None

1.14 V2.22.0-20230518

Feature Updates

New Features

- Allows users to modify the preset APN information.
- Allows hidden Wi-Fi networks to be connected.
- Supports backup of important terminal information.
- Supports automatic channel configuration for Wi-Fi networks.
- Allows users to add preset solutions.

Improvements

- Improved the SSH test tool.
- Improved terminal upgrade.

Bug Fixes

- Time synchronization requires 10s occasionally.
- When solutions are published in batches for many times, the publishing fails occasionally.

Known Issues

None

1.15 V2.21.0-20221229

Feature Updates

New Features

Allows users to turn on/off SSH.

Improvements

- Improved the monitoring service switch.
- Improved the system log configuration.
- Improved the video source mode switching.

Bug Fixes

- In studio mode, the background color of the text on the cut-to-display window does not take effect.
- Tibetan text cannot be displayed normally.
- When solutions are published in batches for many times, the publishing fails occasionally.

Known Issues

None

1.16 V2.20.0-20221031

Feature Updates

New Features

None

Improvements

None

Bug Fixes

- In studio mode, when the displays are set to extended mode, clicking **Screen Monitoring** causes ViPlex Express to exit unexpectedly.
- In studio mode, playback of videos encoded in RLE format causes ViPlex Express to exit unexpectedly.
- In studio mode, playback of a solution containing multiple pages causes the screen to get stuck.
- In studio mode, if the image in a solution is replaced, the solution cannot be published.
- In async mode, when common solutions are batch published, a prompt is displayed, saying the number of media items does not meet the requirements.

Known Issues

None

1.17 V2.19.0-20220909

Feature Updates

New Features

- Removed precise GPS time synchronization access.
- The EG25-G module supports GPS time synchronization.

Improvements

- Added a tip when users create advanced solutions.
- When media does not meet the requirements, the original media name is displayed in the detailed failure message.
- Improved the UI layout of network configuration.

Bug Fixes

- When the display scaling of the computer is 150% and the text size is 72, the text is not displayed in the preview area.
- After ViPlex Express is upgraded from V2.16.0 to V2.18.0 via online upgrade, the upgrade package path of the terminal cannot be selected.
- Intranet website cannot be displayed by TB40 V4.1.3.

Known Issues

None

1.18 V2.18.0-20220803

Feature Updates

New Features

- Added the prompt of media specifications.
- Allows text to move left (the terminal must be V4.1.0 or later).

Improvements

- Improved the interaction of terminal upgrade. A prompt is displayed after both the system and software are upgraded successfully.
- Improved the option of starting playback when Windows starts in studio mode.

Bug Fixes

- The centered text is displayed incorrectly when previewed.
- The public network cannot be configured when several versions of terminals are connected.
- After users set the horizontal alignment of text with multiple paragraphs and publish the text to a terminal earlier than V4.0.0, only the first line of the text is displayed.

Known Issues

None

1.19 V2.17.0-20220617

Feature Updates

New Features

- In settings, users can choose whether to remember the connection password. After the option is deselected, users have to enter the password when connecting to a terminal each time.
- In settings, users can view video tutorials.

- Users can batch add and connect to mobile data module APN.
- A prompt is added when a solution does not meet the requirements to avoid unsuccessful solution publishing.
- In **Playback Management**, users can view the playback exception log.
- Allows users to log in to VNNOX from ViPlex Express.

Improvements

- Improved the prompt displayed when the video transcoding tool is deleted unexpectedly and the solution cannot be updated.
- Improved the prompt displayed when users set the video source resolution.

Bug Fixes

When a 4K monitor is connected, web pages cannot be fully displayed.

Known Issues

None

1.20 V2.16.0-20220518

Feature Updates

New Features

- Added table media, allowing users to edit tables in solutions.
- Text can be sharpened, making text display clearer on the screen.
- Allows users to set the alignment of a single paragraph when there are multiple lines of text.
- The temperature value in an environment monitoring widget can be set to an integer or a number with one decimal place.
- Allows users to choose to clear the media not being played or clear all the media when users clear media in **Monitoring**.
- If the storage on the Taurus is full when users publish a solution, the user can choose a method to clean up storage and the solution will be republished automatically after cleanup.
- The TB30 supports custom resolutions.

Improvements

- Improved the display of terminal time (except **Power Control**).

- On the terminal list, the context menu allows users to obtain terminal SN.
- During solution editing, if videos or images overlap, a prompt is displayed to tell users to use a general window.
- If a terminal is bound to a cloud account, a link is added to help users rebind the terminal.
- Instructions to bind terminals to cloud are added to some pages.

Bug Fixes

- The time zones in time synchronization, digital clock and analog clock are not consistent with the time zones of the terminal.
- In studio mode, videos are not played in order.

Known Issues

None

1.21 V2.14.0-20220304**Feature Updates****New Features**

- TB30\TB40\TB50\TB60 support custom resolutions.
- Wi-Fi without a password can be connected during terminal configuration.
- Allows users to give feedback on ViPlex Express from the menu bar.

Improvements

- Made improvements to the interaction of Wi-Fi switching.
- An error prompt is displayed when a video shorter than 2s is added.

Bug Fixes

After the switching from AP to STA fails during network configuration, the AP/Wi-Fi status goes wrong.

V

1.22 V2.13.0-20211206

Feature Updates

New Features

None

Improvements

None

Bug Fixes

- When the height of an Office file is changed, the content cannot automatically fit the display area.
- Smart brightness adjustment requests cannot be sent.
- Video sources at 50 fps cannot be sent.

Known Issues

None

1.23 V2.12.0-20211025

Feature Updates

New Features

- Works with the new generation of Taurus for video transcoding.
- Allows the AP of Taurus to be isolated from local networks.
- Allows the Taurus to connect to hidden Wi-Fi networks.
- Added a download entry for ViPlex Handy.

Improvements

None

Bug Fixes

None

Known Issues

None

1.24 V2.11.0-20210830

Feature Updates

New FeaturesV

- The text name can be customized during solutions editing.
- In async mode, [Test Tool] login is adaptive for the new platform.
- In async mode, a search box was added in terminal management.
- In async mode, the password entered in the password box is visible by default during Wi-Fi connection.
- In async mode, the WAN SDK connection address of the terminal can be configured.
- In async mode, sensors can send configuration files.
- In async mode, a style with no tags was added for playing environment monitoring media.
- In async mode, users can view terminal screen status.

Improvements

- In studio mode, auto startup was improved.
- In async mode, event tracking of Sensors Data was corrected.
- In async mode, the method to obtain the Wi-Fi list was improved.

Bug Fixes

- ViPlex Express reports an error when a solution is published to 41 terminals. (The mediatype.txt file is being used.)
- In studio mode, when tables are being played using ViPlex Express V3.8.1, some borders are very thin and borders are displayed in the area where borders should not be displayed.

Known Issues

None

1.25 V2.9.1-20210610

Feature Updates

New Features

- Allows users to select and open a serial port in  > **RF management** in async mode.
- Allows users to set brightness collection interval in brightness adjustment in async mode.

Improvements

None

Bug Fixes

ViPlex Express gets stuck when saving a solution containing windows with dynamic borders.

Known Issues

None

1.26 V2.8.1-20210325

Feature Updates

New Features

- Supports static display of colorful text in solutions.
- Supports GPS time synchronization in **Terminal Control > Time synchronization management** in async mode.

Improvements

None

Bug Fixes

- Two lines of contents of environment monitoring media in a solution are missing when the solution is being previewed.
- The alignment type specified for weather media during solution editing is different from the alignment type when the solution is being previewed.
- In async mode, when the user exports an advanced solution to a USB drive, the non-scheduled content is not exported.

- In async mode, after an ultra-long-screen solution is published by clicking , text is missing and only one line is displayed.

Known Issues

This version is not available for 32-bit operating system.

1.27 V2.7.0-20210224

Feature Updates

New Features

In async mode, users can switch between Wi-Fi AP and Wi-Fi STA in **Terminal Control > Network configuration**.

Improvements

None

Bug Fixes

None

Known Issues

This version is not available for 32-bit operating system.

1.28 V2.6.2-20210127

Feature Updates

New Features

None

Improvements

None

Bug Fixes

ViPlex Express quits unexpectedly when users open it in Windows 7 Enterprise SP1.

Known Issues

This version is not available for 32-bit operating system.

1.29 V2.6.1-20210112

Feature Updates

New Features

- Added the stroke effect for colorful text.
- Allows solution playback to be paused or replayed from the beginning in studio mode.

Improvements

None

Bug Fixes

After ViPlex Express V2.5.0 is installed, some computers report an error when the software is opened.

Known Issues

This version is not available for 32-bit operating system.

1.30 V2.5.0-20201127

Feature Updates

New Features

- In async mode, an option of switching FTP version was added in  > **Preferences**.
- **Lock Aspect Ratio** was added in the widget properties of video media in solution editing.

Improvements

In the page properties of a solution, the time range of the schedule was changed to 00:00–24:00.

Bug Fixes

The Taurus earlier than V2.1.4 cannot be directly upgraded to V3.0.0 and later.

Known Issues

This version is not available for 32-bit operating system.

1.31 V2.4.0-20201010

Feature Updates

New Features

Added the playback methods of scrolling from bottom and static for Excel table media during solution editing. (The "flipping" function is currently deleted.)

Note: In async mode, only the terminals with software versions of V2.4.3 and later can work with ViPlex Express V2.4.0 to support the playback methods of Excel table media.

Improvements

Improved the picture definition of Excel table media during playback.

Bug Fixes

An exception occurs after ViPlex Express is installed and run.

Known Issues

This version is not available for 32-bit operating system.

1.32 V2.3.0-20200720

Feature Updates

New Features

- Added an **Ultra-Long Screen** option when users create solutions. The ultra-long screen solutions can be played on ultra-wide and ultra-tall screens.
- Allows users to customize tags for relays in **Terminal Control > Power control** in async mode.
- Allows users to change the Wi-Fi AP channel in **Terminal Control > Network configuration** in async mode.

Improvements

ViPlex Express employs a digital signature. When users install ViPlex Express as the system administrator, the intercept dialog box does not appear.

Bug Fixes

- In async mode, the scrollbar is not displayed in **Terminal Control > Play logs**.
- In async mode, the board power tag is empty by default in **Terminal Control > Power control**.
- In async mode, when the UI language is French and the user enters an incorrect terminal login password, the **Copier** (copy) button next to the error code is not displayed completely.
- When the playback window is out of the computer screen, the preview window is not displayed completely.

Known Issues

This version is not available for 32-bit operating system.

1.33 V2.1.0-20200530

Feature Updates

New Features

An error code is added in the prompt that is displayed when an incorrect terminal login password is entered.

Improvements

Improved the UI interaction when one or multiple terminals are selected for terminal control.

(The UI interaction of playback management, video source, font management, terminal upgrade, power control and terminal information in terminal control is not improved.)

Bug Fixes

- In studio mode, MPEG videos cannot be played.
- ViPlex Express fails to run in the Spanish operating system.
- The binding information cannot be read back on the server configuration page.
- When text media is being previewed, its background is not transparent.
- A page in a solution contains video media and RSS media. If the size of the RSS window is changed while the solution is being played normally, the RSS media will not be played normally.

- When users connect to terminals on the **User Software** tab page, punctuation marks cannot be entered into the password field.

Known Issues

This version is not available for 32-bit operating system.

1.34 V2.0.3-20200507

Feature Updates

New Features

None

Improvements

None

Bug Fixes

- Solution editing window cannot be minimized.
- On Windows 7, an exception occurs when users choose **Terminal Control > Font management** to add fonts.
- In async mode, when a page in a solution contains two general windows and the same video is added to both the windows, only the video in one of the windows can be played normally via the Taurus series player.

Known Issues

This version is not available for 32-bit operating system.

1.35 V2.0.2-20200403

Feature Updates

New Features

None

Improvements

None

Bug Fixes

When a solution contains both video and weather media, the video media cannot be previewed and played.

Known Issues

This version is not available for 32-bit operating system.

1.36 V2.0.1-20200331

Feature Updates

New Features

None

Improvements

None

Bug Fixes

- Web page media cannot be previewed and played.
- Changing **Personal Folder** causes an exception for the software.
- Solutions cannot be previewed and played when the name of **Personal Folder** contains Chinese characters.
- On Windows 10, the font list in **Terminal Control > Font management** is not displayed completely.
- In studio mode, overlapping content is displayed in RSS media after users show/hide the playback window.
- When users control terminals in async mode, wrong information is displayed on the configuration details page after all the terminals are selected by pressing Ctrl and A at the same time.
- The software reports an error when users are exporting a solution larger than 20 GB.

Known Issues

This version is not available for 32-bit operating system.

1.37 V2.0.0-20200310

Feature Updates

New Features

- Added a new working mode: studio mode
- Added list view for solution editing, allowing users to view the layers of media on a page.
- Allows users to view schedules during solution editing. Users can view the schedules of all pages.
- Allows users to apply a schedule to multiple pages during solution editing.
- Allows users to set volume for video media during solution editing.

Improvements

- Improved the interaction of page preview.
- Improved the interaction of studio mode.
- Added text description for the media icons on the tool bar of solution editing page.

Bug Fixes

- There are problems when users batch export and import advanced solutions.
- When ViPlex Express controls the TCB300, some pages in terminal control are blank.

Known Issues

Issue	Remedy
After video media are published to VPlayer or Taurus, volume settings do not take effect.	The issue will be fixed in VPlayer V3.5.0 and Taurus V2.0.0
This version is not available for 32-bit operating system.	TBD

2 ViPlex Handy

2.1 V6.0.0-20260710

Feature Updates

New Features

- Added support for AI image generation/editing.
- Added support for AI beautification.
- Added a template library featuring AI auto-fit.
- Added support for live output preview from the homepage.
- Allows users to bind devices to cloud by scanning a code.

Improvements

- Improved the batch publishing process.
- The device connection status can be remembered.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.2 V5.5.0-20260415

Feature Updates

New Features

- Added support for QR code login.
- Added support for text sharpening.
- Added support for more display languages.

Improvements

None

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.3 V5.4.0-20251223

Feature Updates**New Features**

- Added support for French.
- Added support for scheduled source switching of the TU series.
- Added support for power label readback, along with manual and scheduled control.

Improvements

Improved the time zone data.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.4 V5.3.5-20250821

Feature Updates**New Features**

- Added support for Arabic.
- Added support for device search by specified IP or IP range in **Devices**.

- Added support for device and media search in **Cloud Screen Management**.

Improvements

Preset programs and media on the TU series devices can be deleted with ViPlex Handy.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.5 V5.3.4-20250418

Feature Updates**New Features**

Added support for Italian and Korean.

Improvements

None

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.6 V5.3.3-20250214

Feature Updates**New Features**

- Added support for TU4K Pro.
- Added support for scheduled source switching and custom resolutions (supported only by the TU4K series).
- Added a notification when Wi-Fi and iOS local network permissions are not enabled.

Improvements

Changed the verification method during login and password modification from slider to puzzle.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.7 V5.3.0-20241023

Feature Updates**New Features**

- Supports ultra-long-screen solutions.
- Supports solution layout, canvas zooming, and widget snapping for alignment.
- Supports HDMI IN widget (only available for TU40 Pro).
- Allows users to view the upgrade progress and supports OTA upgrade (only available for the TB series).

Improvements

Improved the account signup and login process.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.8 V5.2.0-20240813

Feature Updates**New Features**

- Supports batch playback control of LCD splicing screens (NS and EMP series).

- Allows solutions that exceed the playback limit of the device to be transcoded automatically.

Improvements

- Device search speed and connection stability
- Data transmission speed for solution publishing and upgrade

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

2.9 V5.1.0-20240613

Feature Updates

New Features

- Supports device diagnostics when working with the TU series devices V1.5.0 and later, allowing users to view and download the detailed diagnostics reports.
- Supports OTA upgrade (online upgrade and differential package upgrade) when working with the TU series devices V1.5.0 and later.
- Allows users to set media switching mode, interval and more for USB playback when working with the TB series devices V4.6.7 and later.
- Allows users to set the screen rotation angle when working with the TB series and LCD devices.
- Allows users to schedule LCD devices to power on/off.
- Allows the hotspot of the TU series devices to be connected by using ViPlex Handy to scan the Wi-Fi QR code.
- Supports brightness and volume adjustment for cloud devices.
- Added the demo mode.

Improvements

- Improved the display and description of device memory usage.
- Improved and standardized the rules for the device password and AP password.

Known Issues

None

2.10 V5.0.0-20240410

Feature Updates

New Features

- Screen interactive (TU series)
- Media playback (TU series)

Improvements

- Solution management: Quick to create solutions. Images, videos, text, clock and weather widgets, and more are supported.
- Real-time playback and control: Solutions or media files can be played as you wish.
- Screen management: All-round device management
- Cloud screen management: Easily manage screens anywhere, anytime.

Bug Fixes

Fixed known bugs and enhanced the overall user experience.

Known Issues

None

3

Taurus Series Multimedia Player

3.1 V5.1.0-20260731

Feature Updates

New Features

- Allows devices with default static IPs to be discoverable and allows the static IPs to be changed to dynamic IPs. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for viewing abnormal alarms for webpages, streaming media, and RSS. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for VNNOX Care monitoring V3.0. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for viewing and exporting alarm logs for playback and device operations. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for viewing device operation logs in ViPlex Express. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for one-click download of the current playlist's description files, media files, and screenshots. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for HDMI source scaling in multi-screen mosaic. (T30/T50/TB30/TB40/TB50/TB60)
- Added support for HDMI source upscaling. See the *HDMI Video Source Scaling Instructions* for details. (T30/T50/TB30/TB40/TB50/TB60)
- Added support for downloading device diagnostic reports in ViPlex Express. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Following a technical upgrade, models originally configured with one primary and one backup Ethernet port can now utilize both Ethernet ports for output, enabling a total output capacity of 1.3 million pixels. (T30/T50/TB30/TB40/TB50/TB60)
- Added support for exporting and importing configuration parameters (including video source, screen status, power, time synchronization, network, playback settings, screen topology, and peripherals). (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Added support for disabling multi-screen mosaic (users can now select from Off, Auto Mosaic, or Adaptive Mosaic). (T30/T50/TB30/TB40/TB50/TB60)
- Improved the minimum EDID width for HDMI IN to 512. (TB20 Plus/T50/TB40/TB50/TB60)

Improvements

- Improved the screenshot display when PlayService is closed. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Improved the image clarity of pixel-to-pixel video playback on ultra-long screens. (T30/T50/TB30/TB40/TB50/TB60)

- Improved the device to automatically install required fonts and remove unused fonts based on the text media widgets in the playlist. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Users can now click to check the device's current network connection status. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Players can be bound to VNNOX Care by using player authentication information. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Users can download 4G module operation logs. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Users can configure automatic cut-to-display for ultra-long screens in ViPlex Express. See *Ultra-Long-Screen Solution Configuration Guide* for details. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/TCC160)
- Improved upgrade result messages. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Improved USB playback by adding transcoding support for playlists not meeting the requirements. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Improved time zone settings to include Kolkata. (T10 Plus/TB10 Plus/TB20 Plus/TN65/T30/T50/TB30/TB40/TB50/TB60/LCB4K/TCC160)
- Improved the minimum auto-mosaic width to 64 for models supporting multi-screen mosaic. (T30/T50/TB30/TB40/TB50/TB60)
- Improved the interaction for controlling the internal source volume when using an HDMI source. (T10 Plus/TB10 Plus/TB20 Plus)

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V6.0.0 and later

Software	Version
ViPlex Express	V4.1.1 and later
VNNOX Care App	V2.5.0 and later
NovaLCT	V5.9.2 and later

Related Documentation

3.2 V5.0.0-20260108

Feature Updates

New Features

- Supports the features such as real-time monitoring, screen topology, power labels, and accessory configuration in ViPlex Express V4.0.0. (T30/T50/TB30/TB40/TB50/TB60/TB10 Plus/TB20 Plus/TCC160)
- The ultra-wide screen loaded by the TB60 supports a maximum width of 16,368 pixels. (TB60)

Improvements

Added support for more international time zones. (T30/T50/TB30/TB40/TB50/TB60/TB10 Plus/TB20 Plus/TCC160)

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V5.3.6 and later
ViPlex Express	V4.0.0 and later

Software	Version
VNNOX Care	V2.5.0 and later
NovaLCT	V5.8.0 and later

Related Documentation

3.3 V4.7.7-20250918

Feature Updates

New Features

- Allows users to set an image to display when the Internet is disconnected.
- Allows the player to function as an NTP server. (No support for mixing of different models)
- Supports adaptive HDMI mosaic. (T30/T50/TB30/TB40/TB50/TB60)
- Added support for the new model of 4G module (TC1-CN). (TB1-4G/TB2-4G/T30/T50/TB30/TB40/TB50/TB60)

Improvements

- Allows screen parameters to recover by using backup files after devices are imported from VNNOX to VNNOX Care.
- Improved the time zone list of the device.
- Improved the logic for expanding the storage capacity through a USB drive.
- Improved the default device name and AP name. (TB1-4G/TB2-4G/T30/T50/TB30/TB40/TB50/TB60/TB10 Plus/TB20 Plus)
- The internal source supports 50 Hz Ethernet output. (T30/T50/TB30/TB40/TB50/TB60/TB10 Plus/TB20 Plus)
- Improved the logic for TB60 screen configuration (50 Hz is used when the clock is exceeded). (TB60)

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V5.3.6 and later
ViPlex Express	3.0.5 and later
VNNOX Care	V2.5.0 and later
NovaLCT	V5.8.0 and later

Related Documentation

3.4 V4.7.6-20250506

Feature Updates

New Features

- Added support for Fibocom's 4G modules. (TCC160)
- First release of TB10 Plus and TB20 Plus

Improvements

None

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V5.3.4 and later
ViPlex Express	V3.0.4 and later
VNNOX Care	V2.4.0 and later
NovaLCT	V5.8.0 and later

Related Documentation

3.5 V4.7.4-20241104

Feature Updates

New Features

- TB30\40\50\60 supports dual Wi-Fi modes.
- Allows users to adjust the internal source resolution during screen connection.
- Allows devices to be controlled via HTTP interface.
- Cloud modules support screen connection by taking a photo.
- Supports OTA upgrade.

Improvements

Text media in ultra-long-screen solutions supports background color.

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V5.2.0 and later
ViPlex Express	V3.0.4 and later
VNNOX Care	V2.3.0 and later
NovaLCT	V5.6.2 and later

Related Documentation

3.6 V4.7.0-20240809

Feature Updates

New Features

- Supports multi-terminal login.
- Supports location targeting.
- Supports USB standalone playback.
- Supports visualized playback control. (TB30/TB40/TB50/TB60/EMP400B)
- Supports text sharpening on weather widgets.
- Added T-SDK supporting file transfer via TCP streaming.
- Resetting to factory settings in NovaLCT can clear the screen connection files.
- General firmware is compatible with EMP400B and AD20.
- Compatible with new models of LoRa modules.

Improvements

- Improved the speed and stability of device search and connection.
- Improved the effect and performance of synchronous playback.
- Improved the text centering effect of pixel-to-pixel playback on ultra-long screens.
- Improved the mechanism for handling videos and images that exceed the limits.
- Improved factory-default HDMI preferred feature.

- Improved the display of storage usage.
- Improved the stability of 4G communication.
- Improved the function of reporting the temperature and voltage from TCC70 to VNNOX Care.
- Improved the playback fluency of videos and streaming media.

Bug Fixes

Fixed known bugs.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V5.2.0
ViPlex Express	V3.0.0

Related Documentation

3.7 V4.6.4-20231226

Feature Updates**New Features**

None

Improvements

None

Bug Fixes

- The storage space of TB30/TB40/TB50/TB60 is full.
- The screen goes black occasionally when the LCB4K works with the VX400 or V2460.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	Latest
ViPlex Express	V2.25.0

Related Documentation

3.8 V3.7.0-20211013

Feature Updates

New Features

Allows AP to be isolated from local networks.

Improvements

- Improved the connection of switching Wi-Fi Sta to Wi-Fi AP.
- Upgraded the WebView version of the T4H.

Bug Fixes

- The establishment of the channel connection between the Taurus and the server is abnormal when a 404 error is returned by the router.
- The T4H cannot use the mosaic card.
- The screen flashes and the grayscale loses when the T1-4G or T2-4G is used to load the screen.
- The screen flashes when cut-to-display text is played by using the T4H.
- The time is incorrect after the T4H is restarted.
- The TCB300 is frequently disconnected from the desktop software.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.6.0
ViPlex Express	V2.11.0

Related Documentation

3.9 V3.6.0-20210820

Feature Updates

New Features

- Allows the optimal AP channel to be selected automatically.
- Adaptive for Modbus sensors.
- Allows users to change the FTP password.

Improvements

- Improved the dynamic borders of the window layer.
- Improved environment monitoring media.

Bug Fixes

- ViPlex Express cannot connect to the Taurus occasionally.
- After upgrade, the screen gets blurry or black due to resolution loss.
- The T1-4G and T2-4G goes down due to system file damage.
- Upgrading the receiving card with NovaLCT causes the receiving card to enter boot occasionally.
- LORA brightness synchronization causes damage to receiving card parameters occasionally.
- During streaming media playback, the audio and video are not in sync.

- An error is reported when the Taurus works with NovaLCT to adjust brightness.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.5.0
ViPlex Express	V2.9.1

Related Documentation

3.10 V3.5.0-20210610

Feature Updates

New Features

- Allows users to set a brightness collection interval for the light sensor.
- Allows users to configure complex screens in ViPlex Handy.

Improvements

- Improved text media.
- Improved H5 video playback.
- Improved the solution download process.

Bug Fixes

The playback gets stuck when dynamic borders are set for multiple windows.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.4.0
ViPlex Express	V2.9.0

Related Documentation

3.11 V3.4.0-20210426

Feature Updates

New Features

- Adapted to new models of network modules.
- Added a new networking scheme for the device. For details, contact the local technical support engineers.

Improvements

None

Bug Fixes

The screen occasionally displays blurred spots after the screen configuration file is sent.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.3.0
ViPlex Express	V2.8.1

Related Documentation

3.12 V3.3.0-20210323

Feature Updates

New Features

- Supports GPS time synchronization.
- Supports static display of multi-line colorful text.
- Allows screens to be bound to Screen Boss with the NovaStar cloud mini program.
- Allows network modules of Quectel to be upgraded.

Improvements

None

Bug Fixes

None

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.2.1
ViPlex Express	V2.8.1

Related Documentation

3.13 V3.2.0-20210224

Feature Updates

New Features

- The T1-4G, TB1-4G, TB2-4G, TB4, and TB4A support mode switching between Wi-Fi AP and Wi-Fi Sta.
- The T1-4G, TB1-4G, and TB2-4G support synchronous playback by using RF time synchronization.
- Support the soft SIM network service of Quectel EC20 modules.

Improvements

None

Bug Fixes

None

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.2.1
ViPlex Express	V2.7.0

Related Documentation

3.14 V3.1.0-20210105

Feature Updates

New Features

- Supports stroke effect on colorful text.
- Allows the device information to be reported to the maintenance platform.

Improvements

None

Bug Fixes

- The T1-4G and T2-4G cannot be connected to PC via USB.
- When a configuration file is sent to an irregular screen, a blurred pixel appears occasionally at a fixed position of the cabinet.
- When the TB3 works with the A8s, the LCD module turns red occasionally.
- Scheduled restart tasks are not reported occasionally.
- The output image of the third Ethernet port of the TB8 is abnormal.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.1.3
ViPlex Express	V2.5.0

Related Documentation

3.15 V2.5.1-20201130

Feature Updates**New Features**

Allows users outside China to bind terminals to VNNOX Standard/AD via SN.

Improvements

None

Bug Fixes

- After an audio widget is added to the media in a solution, the audio cannot be played by the T1-4G and T2-4G.
- The startup of the T3, T4, T6 and T8 takes a long time (about 10 minutes) at low temperatures ($\leq -10^{\circ}\text{C}$).

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.1.3
ViPlex Express	V2.4.0

Related Documentation

3.16 V2.4.3-20201020

Feature Updates**New Features**

- Accepts Excel table media published from ViPlex Express.
- Users outside of China cannot quickly bind screens to VNNOX Standard/AD by using terminal SNs.

Improvements

None

Bug Fixes

- A black screen is displayed for a long time when RSS media and environment monitoring media are being played.

- Video media gets blurry during playback.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.1.1
ViPlex Express	V2.4.0

Related Documentation

3.17 V2.3.0-20200807

Feature Updates

New Features

Allows users to bind to VNNOX Standard/AD by using the terminal SN.

Improvements

Improved the video playback effect.

Bug Fixes

- After the terminal is upgraded, the scrolling text gets stuck occasionally.
- After the terminal is upgraded, ViPlex Express cannot connect to the terminal occasionally.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.0.3
ViPlex Express	V2.3.0

Related Documentation

3.18 V2.2.0-20200721

Feature Updates

New Features

- Allows users to set the Wi-Fi AP channel of the terminal in ViPlex Express.
- Allows users to customize tags for relays in ViPlex Express.
- Allows users to get the self-check status of the terminal with one click in the backstage management of VNNOX.
- Added cache mechanism for weather media, preventing screens from going black during solution switching.

Improvements

- Screenshot procedure in VNNOX
- Mechanism of uploading play logs, allowing users to view the play logs of the day in VNNOX
- Compression of data reported to iCare

Bug Fixes

- The screen flashes when users choose to quickly upload calibration coefficients in the Taurus.
- After a terminal is upgraded, the Wi-Fi Sta is turned off.
- When a receiving card loads multiple modules and the flat cable connected to one of the modules is faulty, all the modules report flat cable faults.
- After a terminal is upgraded, scheduled screen status control cannot be executed.
- Frequent 4G log writing causes file system damage.

- After the smart module is restarted, the Taurus reports a false smart module fault to iCare.

Known Issues

Issue	Remedy
Users cannot log in to terminals occasionally with ViPlex Express and NovaLCT.	Restart players.V
The T1-4G and T2-4G multimedia players can play scrolling text normally. But after the terminals are upgraded, the scrolling text occasionally gets stuck during playback.	Restart players.

Supporting Software

Software	Version
ViPlex Handy	V3.0.2
ViPlex Express	V2.3.0

Related Documentation

3.19 V2.1.3-20200619

Feature Updates

New Features

None

Improvements

None

Bug Fixes

- When VNNOX delivers a screenshot command, the terminal fails to execute the command.
- After the Taurus is restarted, it is offline in VNNOX because the channel is not established.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V3.0.0
ViPlex Express	V2.1.0

Related Documentation

3.20 V2.1.1-20200602

Feature Updates

New Features

- Supports Quectel 4G modules.
- Supports Simcom modules to obtain GPS data.
- The media information of the current solution can be obtained via the Java-SDK interface.

Improvements

- Network communication library
- Play log uploading mechanism
- Wired network self-recovery mechanism
- Mechanism for communication between the Taurus and VNNOX to make sure that commands can be traced back.
- Text playback effect in a high scrolling speed (specific to TB4, TB6 and TB8)

Bug Fixes

- The solution in the USB flash drive is not played as specified.
- If the terminal systems of the TB1-4G and TB2-4G are upgraded, the Wi-Fi AP cannot be turned on after turned off.

- When the resolution width of an ultra-long screen is greater than 8,192 pixels, playing cut-to-display scrolling text will cause the screen to go black.
- The prompt message telling you that the Taurus fails to load webpage media is Chinese, which is not applicable to users outside China.
- When the mosaic card is used for multi-screen mosaic, the HDMI output signal is not stable, which causes the mosaic order to change quickly.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V2.1.2
ViPlex Express	V2.0.3

Related Documentation

3.21 V2.0.0-20200416

Feature Updates

New Features

- Supports video volume settings.
- Allows the Taurus to connect to splitters.
- Allows third-party apps to register system watchdog.
- Allows the TB8 to set redundant Ethernet ports with NovaLCT.

Improvements

- Communication mechanism of the Taurus and VNNOX.
- Process for iCare to unbind screens when the network is not stable.
- Security encryption technology

- Solution list in the playback management of ViPlex Express.
- Operation logs
- System upgrade speed
- Playback effect of cut-to-display media with high resolutions

Bug Fixes

- Text media is always displayed on the front layer.
- The Blinds (horizontal/vertical) entrance effects do not take effect if the dimensions of images are 64*32.
- After remote brightness and volume control commands are sent in VNNOX, their records cannot be found in the remote control history occasionally.
- The time displayed in the Taurus is not consistent with the time read back from ViPlex Express.
- Screen on/off status is wrong occasionally.
- Page schedules cannot take effect.
- The system restarts when the system EMMC file is damaged.
- Publishing solutions with VNNOX fails occasionally when the download is abnormal.
- Third-party app installation fails occasionally.
- Data transmission is wrong when environment monitoring media is synchronized with RF.
- The sequence of mosaic card jumps to 0 when it is being used.
- After the time of the Taurus is changed frequently, logs cannot be cleared.
- After users switch between internal and external video sources of the T1-4G and T2-4G, the screen gets blurry.
- The publishing progress displays 0% when users publishing solutions in VNNOX.
- The 4G module causes time zone parameter errors.
- YouTube web pages cannot be played.

Known Issues

None

Supporting Software

Software	Version
ViPlex Handy	V2.0.0
ViPlex Express	V2.0.0

Related Documentation

4 Taurus SDK

4.1 V3.7.0-20260911

Feature Updates

New Features

Added support for creating and publishing ultra-long screen content in the basic versions.

Improvements

- Displays clearer error messages when exceptions occur.
- Improved publishing stability and parameter validation.
- Improved file transfer speed and performance in weak network environments.
- Improved the device search experience.
- Improved log output to reduce redundant information.

Bug Fixes

- Fixed a communication error caused by overly long commands in public network mode.
- Fixed issues related to login and password modification.
- Fixed unresponsiveness during publishing and occasional crashes caused by network disconnection.
- Fixed a crash issue when taking batch screenshots.

- Fixed an issue where advanced programs interfered with the playback of normal programs.
- Fixed an issue of occasional missing callbacks during concurrent operations on multiple devices.

Known Issues

None

4.2 V3.6.3-20221220

Feature Updates

New Features

- Supports window screenshot function in public network mode.
- A prompt is returned when a solution being published (via LAN or public network) does not meet the requirements.

Improvements

Made improvements to the English SDK document.

Bug Fixes

- The result of the SDK login interface is returned twice.
- Corrected the wrong descriptions of some interface documents.

Known Issues

None

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