GVIC-B1101.5.3.CEUR03.241114

Release Notes

Zhejiang Uniview Technologies Co., Ltd.

Keywords: release introduction, restrictions and precautions, important updates, version installation and upgrade guide

Abstract: This document describes the release reason, restrictions, known defects, and problems solved of the version.

Abbreviations

|  |  |
| --- | --- |
| Abbreviation | Full Spelling |
| FTP | File Transfer Protocol |

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# Version Info

## Versions and Release Reasons

Versions and Release Reasons

|  |  |  |  |
| --- | --- | --- | --- |
| Customer Version Number | Basic Version Number | Date | Release Reason |
| GVIC-B1101.5.3.CEUR03.241114 | GVICV100R001B01D005SP03CEUR03 | 2024-11-14 | For technical support personnel、Limited release |

## Version Mapping

Mapping Table

|  |  |  |  |
| --- | --- | --- | --- |
| Products & Models | Customer Version Number | Historical Mapping | Remarks |
| OEU-201S-HMK-W、OEU-201B-HMK-W、OEU-201S-HMK-W-NB、OEU-201B-HMK-W-NB  | GVIC-B1101.5.3.CEUR03.241114 |  | None |

# Version Change Description

|  |  |
| --- | --- |
| business | Description |
| points to correct | Round One: Overseas One-to-One Villa Entrance Machine:1. Integrate Audio Dreamer Algorithm2. Integrate Touchscreen3. Address Entrance Machine Flip Issue4. Resolve Amazon Cloud Issues Overseas One-to-Many Villa Entrance Machine:5. Integrate Audio Dreamer Algorithm6. Integrate Touchscreen7. Address Entrance Machine Flip Issue Overseas Indoor Machine:8. Integrate Audio Dreamer Algorithm9. Integrate Touchscreen10. Resolve Amazon Cloud Issues11. Resolve APP Monitoring and Intercom to Entrance Machine IssuesRound Two: Overseas One-to-One Villa Entrance Machine, Overseas One-to-Many Villa Entrance Machine: Switch server and recompile version to resolve widget issues Overseas Indoor Machine: [Severe - Always Occurs] Known Issue: When modifying the time input box or adding an IPC, clearing the port input box, and then tapping the input box twice, the human-machine interface hangs. [Severe - APP Hangs - Always Occurs] Overseas dedicated line entrance machine and indoor machine cloud binding APP, when APP1 user shares their device with APP2 user, if the entrance machine clicks to call and APP2 user answers or hangs up, the main indoor machine does not hang up. New APP version - Sending LAPI with URL as alarm/Capabilities causes the indoor machine device to freeze. |

# Version Precautions

## Precautions

### Legacy problem

#### [Critical High Probability] Both the door station and indoor station are connected to the cloud. After the door station makes a call, and the call is answered or hung up via the APP, the indoor station still maintains the call interface without hanging up.

#### Evaluation Conclusion: The issue is due to being stuck at domain name resolution. Since this occurs in the domestic environment, it theoretically should not affect the overseas environment. The mainline D008 has been modified.

## Upgrade Overview

Version File Composition

|  |  |  |
| --- | --- | --- |
| Compressed Upgrade Package | File | File Description |
| GVIC-B1101.5.3.CEUR03.241114.zip | uimage.bin | Kernel + root file system image |
| program.bin | Application software |
| VERSION\_uboot | Version information containing u-boot |
| u-boot.bin | U-boot image |
| matchtable.csv | Version information configuration table |
| VERSION | Version information |
| verinfo.ver | Customer version information |

**I. Version Upgrade Modes**

Currently, a version can be upgraded by using the webpage or SSH2.

CAUTION!

1. When upgrade on the webpage fails, SSH2 can be used.

2. For upgrade using SSH2, the FTP software needs to be used. For details of the software, see section 4.3.

3. Upgrade through WEB/SSH2 involves uimage.bin, program.bin, and VERSION.

**II. Preparations for Upgrade**

1. Decompress the version file (GVIC-B1101.5.3.CEUR03.241114.zip) to the same directory as the version file. The figure below shows the content of the directory after the decompression.



2. For upgrade on the webpage, select the compressed version package. For upgrade through SSH2, set the FTP server path to the folder of the decompressed version installation package.

## Software Upgrade on the Webpage

1. Log on to the webpage as the admin user (default password: 123456).

2. Choose **System** > **Maintenance**.



3. Click the **Browse** button on the **Software Upgrade** module, select the desired version file package (GVIC-B1101.5.3.CEUR03.241114.zip) in the displayed file loading window, and click **OK** to return to the software upgrade page.

4. After the **Upgrade** button becomes available, click it to start upgrade. During the upgrade, other operations are unavailable on the page.

5. After successful upgrade, the system displays "Upgrade succeeded. Please log in again after restart."

## Upgrade Using SSH2

CAUTION!

1. If upgrade on the webpage is available, this mode is not recommended.

2. For upgrade through SSH2, FTP needs to be installed on the PC.

**FTP Introduction**

The File Transfer Protocol (FTP) is used for file transfer on the Internet. The FTP server software provides storage space on the Internet and supplies services in FTP. The FTP client software downloads files from or uploads files to an FTP server in FTP.

The PC needs to be installed with FTP server.

Connect the device LAN port and the PC by using a crossover Ethernet cable. Start the FTP program on the PC as the server, enable anonymous user login, and set the FTP server path to the directory of the version file.

CAUTION!

1. The FTP server needs to be purchased and installed by the customer, and the software is not provided with the device.

### Network Topology for Upgrade Using SSH2



As shown in the figure above, the version file is saved on the PC that can provide FTP services, and the PC and the device are connected on the network.

### Procedure for Upgrade Using SSH2

1. Set the FTP server on the PC, and confirm that the network communication between the PC and the device to be upgraded is normal. (In this section, the device IP address is 192.168.0.13, and the PC IP address can be set to 192.168.0.5.)

2. Log in to the device using SSH2 (username: root; password: 123456).

3. Perform upgrade:

 **user@/root>: update 192.168.0.5 all -f**

4. After the upgrade, the device automatically restarts. Do not perform any operation during this process to complete the upgrade.

## Troubleshooting

**Power failure during the upgrade or startup failure after the upgrade**

1. If you can connect to the device through SSH2 or the serial port, perform upgrade again.

2. If the failure persists after the upgrade, seek help from the sales or service personnel.

3. If you cannot connect to the device through SSH2 or the serial port, seek help from the sales or service personnel.

# Version Upgrade Disclaimer

|  |
| --- |
| **UNV Version Upgrade Disclaimer** |
| 1. By setting or installing this program in any way you agree to all of the following terms and conditions. Your downloading or using the program means you acknowledge your full understanding and acceptance of the following terms and conditions. If you do not agree to any of the following terms, you shall not use the program and you must cease installing and delete the program immediately.2. The upgrade program is only applicable to the intended regions and product models. Before upgrade or update, please read the release notes carefully to make sure the program is applicable to your region and product model. You will be fully liable and responsible for all the consequences of device abnormality and related maintenance costs caused by your improper operations.3. Uniview owns or is legally authorized to own all rights and IPRs (Intellectual Property Rights) of the program and the supplied release notes.4. Software upgrades are for the optimization of product functions and do not mean there is defect.5. You must strictly follow instructions in the release notes during the upgrade process, otherwise you are responsible for the possible consequences and related maintenance costs.6. You shall not engage in any of the following activities, otherwise you would be liable for infringement and responsible for any adverse consequences arising therefrom.6.1 Copy the program (exclude the reasonable and necessary copies for internal backups);6.2 Exclude this statement when using the program or transfer the program to any third party;6.3 Modify the program or its derivatives;6.4 Reverse engineer, decompile or disassemble this program.7. The program is only intended for authorized users. Its architecture, organization and source code are valuable trade secrets and confidential information owned by Uniview and its authorized parties. You agree not to provide or disclose any confidential information contained in or derived from the software to any third party. No part of this document may be excerpted, reproduced, or distributed in any form by any entity or individual without written consent from our company. |