# XIP-3911-IO

**Release History**

| Release Version | Comprising: | | Release Date | User Manual for this Release (Grass Valley Document #) |
|---|---|---|---|---|
| | **Firmware Version** | **Software Version** | | |
| **1.0.0** | **1.0.0.105** | **1.0.0** | **2024-03-15** | **None** |

**NOTES**:  The iControl compatibilities shown below are officially supported by Grass Valley. Earlier versions may also work, with bugs or limited features.

The reference number (Ref#) given for each feature or bug in these release notes refers to internal Grass Valley documentation.

# Release Notes

**UPGRADE PACKAGE: 1.0.0**

**Firmware version:** 1.0.0 (CPU 1.0.0.105, FPGA 1.0.0.61)

**Release date:** 2024-03-15

**GV Orbit:** 1.0+

**GV Convergent:** 2.1.2

**iControlcompatibility:**7.51+

**iControl Solo compatibility:** 7.51+

**RCP-200 compatibility:** N/A

**Hardware compatibility:** This upgrade package applies to all existing hardware assemblies.

**Release type:** Official release

## KNOWN ISSUES

| Ref # | Description |
|---|---|
| XIPIO-972 | **Link Latency value is unexpected after a reboot**<br><br>The link latency value should be positive after a reboot, but negative value appears instead.<br><br>Workaround: You can reboot again, then unlock/lock PTP. |
| XIPIO-974 | **Audio or Video receiver in error after port shutdown and turned backed on**<br><br>Audio or Video receiver status is in error and displays in red after the port had been shutdown and turned back on.<br><br>Workaround:<br>• For audio receivers, turn Syntonize mode from OFF to ON.<br>• For video/audio receivers, disable and then re-enable master. |
| XIPIO-976 | **Audio receivers intermittently in error state**<br><br>Audio receivers are intermittently in error state. Then, the Global IP status goes into error and the audio media stream alarm is triggered. |

| Ref # | Description |
|---|---|
| XIPIO-1017 | **XIP-3901-IO NMOS message flooding**<br><br>`XIP-3901 card running the IO application constantly spams the NMOS registry with messages when a sender that joined has gone offline. The receiver sends out an NMOS registration message that the sender's active state is false approximately once per second and causes NMOS message flooding.` |
| XIPIO-1012 | **Changing URS format glitches video even when the reference is external**<br><br>`In the reference screen of the GUI, select the reference source as auto or external and the selected reference showing external and locked. Then, change the URS format selection between Off, 29.97, and 25 and note that IP and IP to SDI "LED"s on all the flows will momentarily go red.` |
| XIPIO-1010 | **Redundancy error counters behave unexpectedly**<br><br>`When shutting down the switch port for a longer time and re-enabling it, redundancy errors can be seen in all receivers. The issue is only present when shutting the switch port for a short period.` |
| XIPIO-931 | **Unsupported SDI Video Input generates IP Output**<br><br>`1080p23.98 input signal is unsupported, but an IP output is still generated.` |
| XIPIO-961 | **Colorimetry Information not detected in 720p - SDI Input**<br><br>`Colorimetry Information is not detected in 720p - SDI Input.` |
| XIPIO-969 | **Video glitches when setting the network delay to 10ms (class A redundancy)**<br><br>`The XIP-IO is supposed to support class A redundancy with network delay up to 10ms, but the video glitches and error status displays in red for master enable and redundancy when network delay is set to 10ms.`<br><br>`Workaround: The maximum network delay that can be set is 9.4ms.` |

| Ref # | Description |
|---|---|
| XIPIO-903 | **IP Receiver in error when incoming signal's timing is adjusted**<br><br>IP Video Receiver is in error when incoming signal's timing is adjusted. |
| XIPIO-991 | **SDI Outs 2-4 and 6-8 not working when changing application from ASI to IO**<br><br>After changing the application from ASI to IO, SDI Outs 2-4 and 6-8 are not working.<br><br>Workaround: Re-slot the card or power cycle the frame. |
| XIPIO-865 | **Unexpected behavior when setting the IP address outside of the valid range**<br><br>When setting the IP address to a value outside of its valid range using the UI, the UI simply ignores the request and the IP address remains unchanged. However when changing the IP address using the REST API, setting the IP address to values outside of its valid range actually sets the IP address. |
| XIPIO-1014 | **PTP can be selected as reference source using the API but it is not supported in first software release**<br><br>In this first software release, PTP was removed from the reference source selection on the UI. However, it is still selectable via the API but not supported as the reference source in this release. |
| XIPIO-933 | **SDI Input Carrier detection is not supported**<br><br>SDI Input Carrier detection is not supported. This is a limitation because EQs do not report Carrier Detect. |