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| **ADDER BLUE crest300pxborder.jpg** |  |  | **ALIF v4.8**  **Release Note**  Adder Technology Limited  By: John Halksworth  Date 26th Nov 2018  Revision History: 1.0 |



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Adderlink Infinity ALIF v4.8 release note

Scope

The scope of the release is outlined in the specification & clarifications –

Key functional areas are:

USB improvements in use with CCS Pro units and standalone.

Copper / fibre redundancy scenarios

Improved support for various USB devices: Chyron Hego keyboard, Unicomp keyboard plus various USB card reader and biometric devices

Parts affected

where is the endpoint license and xxx is the country code

|  |
| --- |
| Part No |
| ALIF1002R-xxx |
| ALIF2020R-xxx |
| ALIF2000R-xxx |
| ALIF1002T-xxx |
| ALIF2020T-xxx |
| ALIF2002T-xxx |
| ALIF2112T-xxx |

Note: ALIF100T is not updated as part of this release..

Version 4.8

1. This Release Note details the changes between ALIF version 4.6 and this version (V4.8.42747)

⚠ **V4.8.42747 is functionally complete for customer release to all Adder customers.**

⚠ **IMPORTANT: The AIM must be on version v4.7 or above**

The upgrade package contains the following;

1. Release notes
2. Endpoint code for V4.8.42747

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| Part No | Generic | Detailed name |
| ALIF1002T-xxx | TX2s | Upgrade\_dvix2\_backup\_adder.bin.txs.4.8.42747 Upgrade\_dvix2\_main\_adder.bin.txs.4.8.42747 |
| ALIF1002R-xxx | RX2s | Upgrade\_dvix2\_backup\_adder.bin.rxs.4.8.42747  upgrade\_dvix2\_main\_adder.bin.rxs.4.8.42747 |
| ALIF2020T-xxx | TX2t | Upgrade\_dvix2\_backup\_adder.bin.txt. 4.8.42747  upgrade\_dvix2\_main\_adder.bin.txt. 4.8.42747 |
| ALIF2020R-xxx | RX2t | Upgrade\_dvix2\_backup\_adder.bin.rxt.4.8.42747  upgrade\_dvix2\_main\_adder.bin.rxt. 4.8.42747 |
| ALIF2000R-xxx | RX2 | Upgrade\_dvix2\_backup\_adder.bin.rx. 4.8.42747  upgrade\_dvix2\_main\_adder.bin.rx. 4.8.42747 |
| ALIF2002T-xxx | Tx2b | Upgrade\_dvix2\_backup\_adder.bin.txb. 4.8.42747  upgrade\_dvix2\_main\_adder.bin.txb. 4.8.42747 |
| ALIF2112T-xxx | Tx2v | Upgrade\_dvix2\_backup\_adder.bin.txv. 4.8.42747  upgrade\_dvix2\_main\_adder.bin.txv. 4.8.42747 |

Fixes since v4.6

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| ID | Summary |
| 15242 | Channel OSD name could intermittently be rendered in screen center when switching channels with different resolutions. |
| 18097 | Added support for Chyron Hego Intellicommander X-lyric keyboard |
| 18192 | Added fixed EDID for 3440x1440@50hz to support Ultrawide monitors. |
| 18279 | Support for Belfuse 1GbE SFP RJ45 modules |
| 18777 | Added support for Unicomp Keyboard |
| 18853 | Added support for Fingerman USB Reader |
| 18935 | Fixes for Disconnect/Reconnect your USB device when switching channels. |
| 18951 | Fixed intermittent slow channel changes if Channel Labels enabled. |
| 19017 | Fixed intermittent Channel OSD name not being displayed |
| 19058 | Fixed support for Lenovo Gemalto card reader |
| 18419 | Fixed typo on banner message. |
| 3159 | Fixed specific teamed redundancy scenarios where video may not be received. |
| 19282 | Fixed a rare issue where multicast packets could be corrupted. |
| 18763 | Fixed an issue where the OSD could logout on channel change. |
| 18934 | Added local transmitter feed-through feature. Requires AIM 4.8 or above. |

Known issues

|  |  |
| --- | --- |
| ID | Summary |
| 193142 | Channel reminder banner is not displayed with dual link video |
| 17884 | Cannot raise OSD after disconnecting from dual-link channel |
| 19740 | Dual link Video not working if monitor supports 30 and 60Hz, with non fixed edid |

None currently – Please read adder support WIKI for USB Quirk settings for specific USB devices.

<http://support.adder.com/tiki/tiki-index.php?page=ALIF%3A+Advanced+USB+Features>

Important network behavior change:

If you are using both the copper and fiber ports on the transmitters and receivers, also known as teaming, please ensure that you have provisioned for 2Gb of bandwidth across your network for each channel connection.

In the event that teaming is not achievable by all its connected receivers, a transmitter will now send the same video out of both of its network interfaces.  You will see increased network traffic on an under provisioned network, possibly resulting in packet loss and video disruption.

The change has been implemented to overcome some redundancy scenarios where a receiver that is no longer able to team to the transmitter, but still has a network connection is unable to receive video due to a network fault.

Upgrade process

1. Backup the AIM system
2. Ensure all ALIF endpoint devices are connected and online in AIM.
3. Ensure the AIM is running v4.7 – if not upgrade primary and backup AIM to 4.7
4. The Transmitter and Receiver ALIF endpoints must be running the v4.6 firmware package
5. Upgrade Transmitters and Receivers Main and Backup images to 4.8.42747 using the upgrade page in AIM. **Note** ALIF100T units will stay on v4.6, as this update does not apply to them.

If using in conjunction with CCS Pro4, upgrade CCSPro 4 to v2.01.5444