AV-Link EXP

Service Bulletin

Software Upgrade to 0.3.7
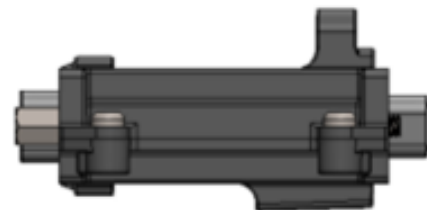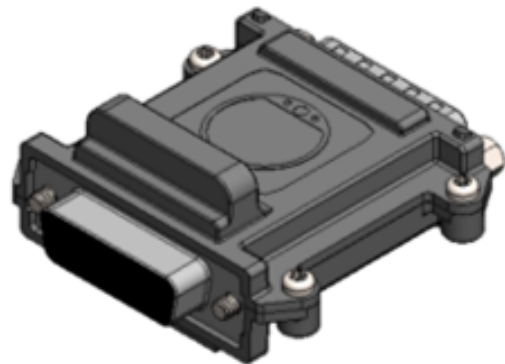
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1. Revision History

Revision	Date	Comments
A	11/21/2025	Initial Release

2. Warnings / Disclaimers

uAvionix is not liable for damages arising from the use or misuse of this product.

This equipment is classified by the United States Department of Commerce's Bureau of Industry and Security (BIS) as Export Control Classification Number (ECCN) 7A994.

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

3. Table of Contents

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4. Planning Information

4.1. Applicability

This Service Bulletin applies to uAvionix AV-Link EXP UAV-1004413-001 with operating software release 0.3.5 or earlier.

Use Table 1 to determine applicability of the software update.

Hardware P/N Marking	Applicability
UAV-1004413-001	Verify by procedure

Table 1: Applicability

Parts identified above as "Verify by procedure" may have software release 0.3.5 or previous installed. To determine what version of software is installed:

1. Connected to the AV-Link EXP with a PC or Apple iOS device following the instructions in TBD.

2. If the AV-Link EXP version displayed on the web page is 0.3.5, proceed with this service bulletin.

3. If the AV-Link EXP version is prior to 0.3.5, apply the 0.3.5 service bulletin first and then this service bulletin. The 0.3.5 service bulletin and related files are available at https://uavionix.com/service-bulletin/av-link-e-service-bulletin-software-upgrade-0-3-5/

4.2. Description

This Service Bulletin provides instructions for loading uAvionix AV-Link EXP UAV-1004413-001 with updated software release 0.3.7.

This software release (0.3.7) has the following changes:

• Added ability to provide ForeFlight flight plans to the AV-30-E

• Added button to reboot AV-30-E to settings page

• Fixed bug that could cause received traffic altitude to not invalidate

• Added additional robustness to serial and network data processing

4.3. Time Required

For software only update in the field, up to 30 minutes is required to perform this update procedure.

4.4. Weight and Balance

No change

4.5. Electrical Load Data

No change

4.6. Applicable Publications

The following documents are applicable to AV-Link EXP software release 0.3.7.

Title	Part Number	Revision
AV-30-E Installation Manual	UAV-1004234-001	M
AV-30-E Pilot's Guide	UAV-1004233-001	N

Table 2: Applicable documents

5. Required Items

Download the software update file below.

Filename	Version	SW Part Number	SHA1 Hash
UAV-1005439-003_AV-Link_V0_3_7-6bc8eb50.bin	0.3.7	UAV-1005439-003	6eaaef06982f029b290f97e41ca06fee24184d93

Table 3: Software Update Files

uAvionix software update files are available for download from the uAvionix Support website at no charge, at:

https://uavionix.com/support/av-link-exp/

Ensure the software and any necessary update tools have been downloaded prior to visiting the aircraft. An internet connection is required to download the software and application. An internet connection is not required to perform the update.

5.1. Windows PC or Apple iOS device With Wifi PC with Serial Port

The following items are required to perform the update:

Quantity	Description
1	Windows PC running Windows 7 or later or iOS device
1	802.11 Wi-Fi interface
1	A supported web browser: -Windows PC with Google Chrome -Windows PC with Microsoft Edge -iPhone or iPad with Safari (must be in airplane mode with Wi-Fi on)
1	AV-Link EXP Software as shown in Table 3

6. Update Notes

All AV-Link EXP configuration settings will be preserved during the update procedure. However, please take note of all settings before performing the update and verify settings are correct after the update has been applied.

The AV-Link EXP must already be running 0.3.5 to perform this update. If it isn't, apply the 0.3.5 service bulletin referenced in Section 4.1. If the AV-Link EXP is not already running 0.3.5 it may reject this update file.

7. AV-Link EXP Update Procedure

The AV-Link EXP acts as a Wi-Fi hotspot to which your PC or mobile device will connect. If you are using a phone or a tablet, put it in airplane mode first, then enable Wi-Fi to avoid being connected to multiple networks at once.

The following instructions show the update procedure when using a Windows PC. Apply the same procedures, modified as necessary, when using an iPhone or iPad.

1. Apply power to the AV-Link EXP. Do not interrupt power during the update process.

2. If using an Apple iPhone or iPad, you must put the device into Airplane Mode, then turn on Wi-Fi only.

3. Connect a PC to the AV-Link EXP Wi-Fi Network. This will be displayed as AV_#### where #### will be 4 random characters ranging from 0-8 and A-F.
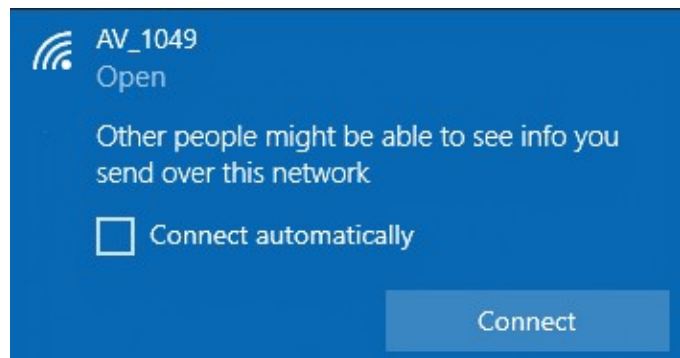
4. In a Web Browser (such as Google Chrome) navigate to the AV-Link EXP home page via the following URL: 192.168.5.1

5. Verify that the version is at least 0.3.5. Click the AV-Link software version link.

6. On the Wi-Fi Software Update page click "Choose File"
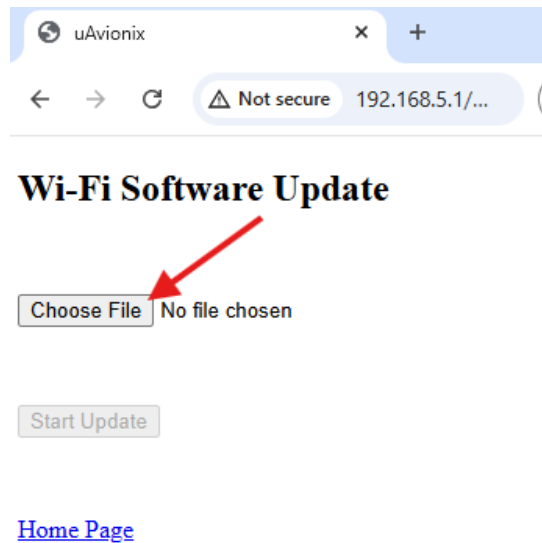
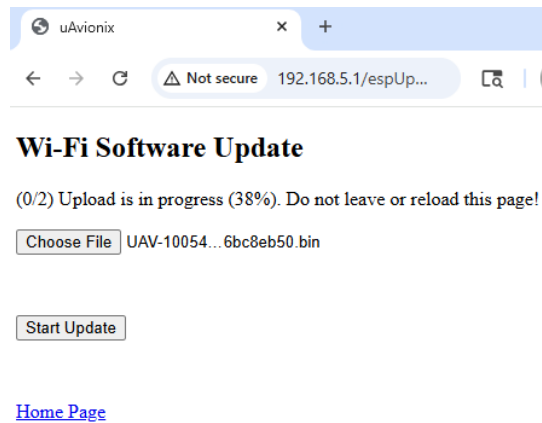7. Select the previously downloaded update file, as specified in Table 3.
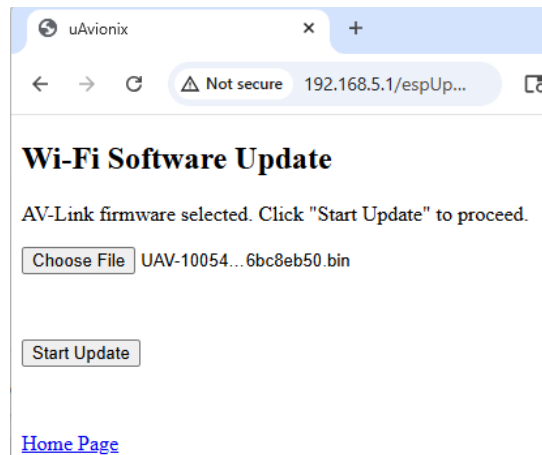
8. Click "Start Update". Update progress will be displayed on screen. The AV-Link EXP will redirect back to the homepage when finished. The update should take less than 2 minutes. If it takes longer, contact uAvionix technical support.

9. On the homepage, verify that the new software version matches the version specified in Table 3.
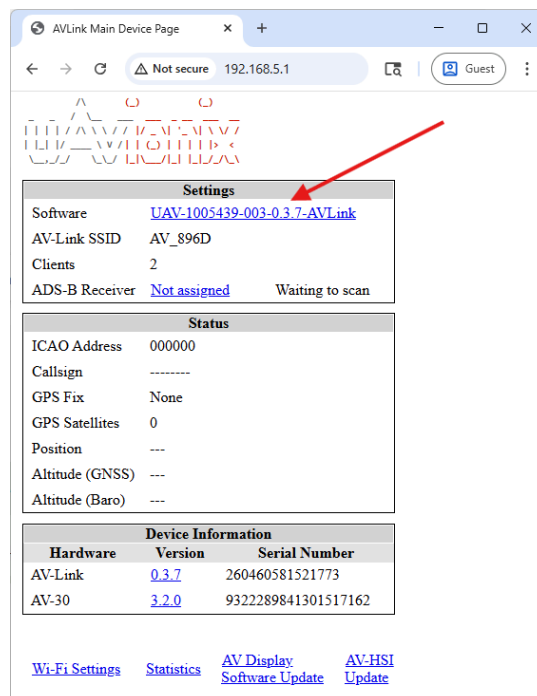
8. Post-Accomplishment Verification and Actions

On restart, verify that the web page displays the correct AV-Link EXP version number and part number as listed in Table 3.

If all fields match, continue with these instructions. Otherwise, contact uAvionix Support.

9. System Checkout

No specific system checkout procedure is required.

10. Support

For additional questions or support please visit:

http://www.uavionix.com/support/

11. Maintenance Record

When post-accomplishment verification and system checkout is completed, make appropriate entries in the Aircraft Maintenance Log Book.

Maintenance Record

Service Bulletin UAV-1006731-007 Rev A to install software v0.3.7 for AV-Link EXP UAV-1004413-001, has been complied with.

⚠️ **A copy of this form must be submitted by visiting:** https://uavionix.com/logbook/

Date:		By:	
Aircraft Information			
Make:		Model:	
Serial Number:		Registration Number:	
AV-Link EXP Information			
Serial Number:			
Hardware Part Number:		UAV-1004413-001	
Customer Information			
Name:			
Email:			
Telephone:			