

## 119-00163 DZP\_07 Flightcell Service Bulletin: Firmware Upgrade 4.15.0

### Product Details

- Part No. DZP\_07
- Rev 2.1 and onwards

### Service Bulletin History

Document No.	Rev No.	Description	Effective Date
119-00163	1.0	Firmware Upgrade	27 May 2026

### Purpose

This Service Bulletin announces the release of new firmware for the DZMx Plus (DZP\_07). It specifies the changes in the firmware, and specifies required unit markings in accordance with software modification status.

The DZMx Plus can be controlled by two different Flightcell products:

- Flightcell DZMx Plus Control Head (DZP\_05)
- Flightcell Controller (DZP\_08)

The DZP\_05 is automatically updated during the upgrade of the DZMx Plus, however the DZP\_08 requires manual upgrades to ensure the device is kept compatible with the DZMx Plus. Refer to the Compatibility section below for more information.

### Description of Change

Firmware v4.15.0 contains the following list of changes from v4.14.1:

Category	Change
New Feature	Support for SBD-only mode operation of a connected Flightcell MOP_00010 without an Iridium SIM card installed
Bug Fix	Significantly improved data usage for network connectivity checks
Bug Fix	Fix for AIS vessel name decoding across multiple AIS transmissions
Bug Fix	Fix for incorrect audio setting synchronisation when changed from different sources



Category	Change
Bug Fix	Fix for extra “zero” crumbs added to some tracking messages

## Known issues:

- WiFi DHCP Server does not propagate DNS server to connected clients. Customers facing this issue should manually insert a DNS server on their own client.
- DZMx Plus may experience brief interruptions in accelerometer data.

## Package Information

Release Identification	Details
Firmware package file	dzmx-4.15.0r2254-upgrade.package
SHA256 checksum	edd9bbb4862557d1223780068df6400ba7345796b3004990bd7a8d09f24d3bc8

## Compatibility

The following compatibility table is used to determine compatibility for installations with the Flightcell DZMx Plus (DZP\_07) firmware and Flightcell Controller (DZP\_08).

DZP_07 DZMx Plus Firmware	DZP_08 Flightcell Controller Firmware	Status
v4.15.0	v1.2.0	COMPATIBLE

Operators should ensure firmware versions between Flightcell devices are kept compatible.

More information on the DZP\_08 Flightcell Controller and its new screen and user interface can be found at the Flightcell website: <https://www.flightcell.com/products/flightcell-controller>.

## Prerequisites

To determine which firmware version is applicable, and whether an upgrade is required. First identify your current DZP\_07 firmware version. This can be retrieved from a connected DZP\_05 or DZP\_08:

1. DZP\_05: Navigate to **MENU → Diagnostics Menu → About DZMx**
2. DZP\_08: Navigate to **Maintenance → Diagnostics → F/W**

Check the current firmware version displayed and then;

- Install this firmware release if **either**:
  - The firmware version number is **3.5.0-P4**, or



- The firmware version number begins with **v4.x.x** and is **earlier than v4.15.0**.

## Compliance

This Service Bulletin is **Optional**.

If incorporated, compliance requires updating the firmware and recording the software modification status, found on the unit label, as follows:

Product Revision	Modification Status Letter
2.1	H
3.1	G
4.0	F

After upgrading the DZP\_07, mark the product label field “**S/W MOD STATUS**” with the appropriate letter from the table above.

## Material Information

### Material - Price and Availability

Qty	Part Number	Part Name	Requirement Notes	Unit Cost	Lead Time
1	dzmx-v4.15.0r2254-upgrade.package	DZP_07 Firmware Package	For all DZP_07 units	N/A	N/A
1	117-00010	Flightcell DZMx Plus Installation Manual	For DZP_07 with DZP_05 DZMx Plus Control Head	N/A	N/A
1	117-00023	Flightcell DZMx Plus with Flightcell Controller Installation Manual	For DZP_07 with DZP_08 Flightcell Controller	N/A	N/A
1	Commercially Available	28V DC power supply	If not using cockpit/battery power power	N/A	N/A
1	Commercially Available	PC or laptop		N/A	N/A
1	Commercially Available	USB memory stick	If using USB stick upgrade method	N/A	N/A
1	Commercially Available	Ethernet cable	If using DZP_07 Connect upgrade method	N/A	N/A



Qty	Part Number	Part Name	Requirement Notes	Unit Cost	Lead Time
1	CLP_00002	Bench Loom	If not upgrading the DZP_07 fitted in an aircraft	N/A	N/A

## Manpower

The manpower required to accomplish the procedures described in this service bulletin is detailed below:

<b>Firmware Updates</b>	20 Minutes
<b>Verification</b>	2 Minutes
<b>Total Time Required:</b>	Approx 22 Minutes

## Accomplishment Instructions

### Description

The firmware packages can be downloaded from our web page <https://www.flightcell.com/support/firmware>.

The DZMx Plus manuals can be downloaded from <https://www.flightcell.com/resources>.

### System Firmware Upgrade

Before commencing the upgrade

1. Refer to the Material Information table above to identify the correct firmware package and equipment you will require for this upgrade.
2. Download the correct firmware package file directly from: <https://www.flightcell.com/support/firmware> and save it to your local PC or laptop hard drive.
3. Ensure there is enough battery power to run the DZMx Plus for at least 1 hour (DZMx Plus draws approximately 1A at 28VDC).

### Firmware upgrade instructions

Firmware upgrade instructions should be followed using the appropriate DZMx Plus Installation manual.

For installations with DZP\_05 DZMx Plus Control Head:

- 117-00010 Flightcell DZMx Plus Installation Manual

For installations with DZP\_08 Flightcell Controller:

- 117-00023 Flightcell DZMx Plus with Flightcell Controller Installation Manual

Use the revision of the manual which is applicable to the current firmware version installed on the DZMx Plus.



## Verification

After the upgrade process has completed, and the DZMx Plus has rebooted to show the main screen, verify that the firmware upgrade has completed successfully. Verification can be done via DZMx Connect, or a connected DZP\_05 or DZP\_08.

Using DZMx Connect:

1. Login as Installer
2. Click About and see “**Firmware**”

Using the DZP\_05 DZMx Plus Control Head:

1. Navigate to MENU>Diagnostics Menu>About DZMx.

Using the DZP\_08 Flightcell Controller

1. Navigate to Maintenance>Diagnostics Menu>F/W

After a successful upgrade, the firmware should be dzmx-4.15.0r2254

## Nameplate Update

Label the unit with the appropriate Modification Status Letter. See the Compliance section above for details.

## Approval

This service bulletin contains no modification information that revises the approved configuration and therefore does not require governmental or other regulatory agency approval.

