

119-00162 DZP_04 Flightcell Service Bulletin: Firmware Upgrade 4.15.0

Product Details

- Part No. DZP_04
- Rev 4.0 and onwards

Service Bulletin History

Document No.	Rev No.	Description	Effective Date
119-00162	1.0	Firmware Upgrade	27 May 2026

Purpose

This Service Bulletin announces the release of new firmware for the DZMx (DZP_04). It specifies the changes in the firmware and the required unit markings in accordance with software modification status.

If installed and connected to the DZP_04, all DZP_05 Remote Heads are automatically updated during the upgrade of the DZP_04 firmware.

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

Known issues:

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



Package Information

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

Prerequisites

To determine which firmware version is applicable, and whether an upgrade is required. First identify your current firmware version:

- Navigate to **MENU → Diagnostics Menu → About DZMx**

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
5.0	L
6.0	L
6.1	K
6.2	I
6.3	H
6.4	G
7.0	F
8.0	A



After upgrading the DZP_04, 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_04 Platform 4 Firmware Package	For all platform 4 units	N/A	N/A
1	117-00008	Flightcell DZMx Installation Manual	Use revision applicable to currently installed firmware version	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_04 Connect upgrade method	N/A	N/A
1	CLP_00002	Bench Loom	If not upgrading the DZP_04 fitted in an aircraft	N/A	N/A
1	IDP_00012	USB/Ethernet Military Connector Box	For military DZP_04 versions	N/A	N/A
1	IDP_00013	USB/Ethernet Civilian Connector Box	For civilian DZP_04 versions	N/A	N/A

Manpower

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

Firmware Updates	20 Minutes
Verification	2 Minutes
Total Time Required:	Approx 22 Minutes

Accomplishment Instructions



Description

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

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

System Firmware Upgrade

Before commencing the upgrade

1. Refer to the 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 for at least 1 hour (DZMx draws approximately 1A at 28VDC).

Firmware upgrade instructions

Firmware upgrade instructions should be followed using the 117-00008 Flightcell DZMx Installation Manual revision applicable to the current firmware version installed on the DZMx.

Verification

After the upgrade process has completed, and the DZMx has rebooted to show the main screen, verify that the firmware upgrade has completed successfully.

Using DZMx Connect:

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

Using the DZMx screen and keypad:

1. Check the current DZMx firmware by going to MENU>Diagnostics Menu>About DZMx.

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

Update nameplate

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.

Form No. F069 (R1) **Effective Date:** 28 Sep 2022

