

Release Notes



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Classification: External
Attn: End customer
Related Products: GX100, GX100PM
Subject: **Legacy GX series iARM (1.14) and Firmware**

Dear Valued Customers,

Intellian is pleased to release iARM packages and FW for the Intellian antenna systems. This update primarily addresses the need to support board changes due to the End-of-Life (EOL) of the Sharp Tuner and Gyro Tilt Sensor.

[IMPORTANT NOTE] This update is required **ONLY** when installing the new spare boards (Tuner-less / IMU). Existing systems with original hardware do not need this update.

1 Software Release Summary

The release changes and known problems are listed in Sections 1.1 and 1.2.

1.1 Release Changes

Title	Description
Support for New Board with Tuner removed (Tracking via NBD only)	The Sharp Tuner has been removed from the board. The software is now updated to detect the absence of the Tuner and accordingly remove Tuner-related functionality. The system will now be configured to perform tracking solely using the NBD (Narrow Band Data) method.
Support for IMU Sensor	To support the use of a new IMU Sensor in place of the discontinued Gyro Tilt Sensor. Firmware support for the new IMU Sensor component has been implemented.

Table 1 shows the file name and the download link for each antenna model.

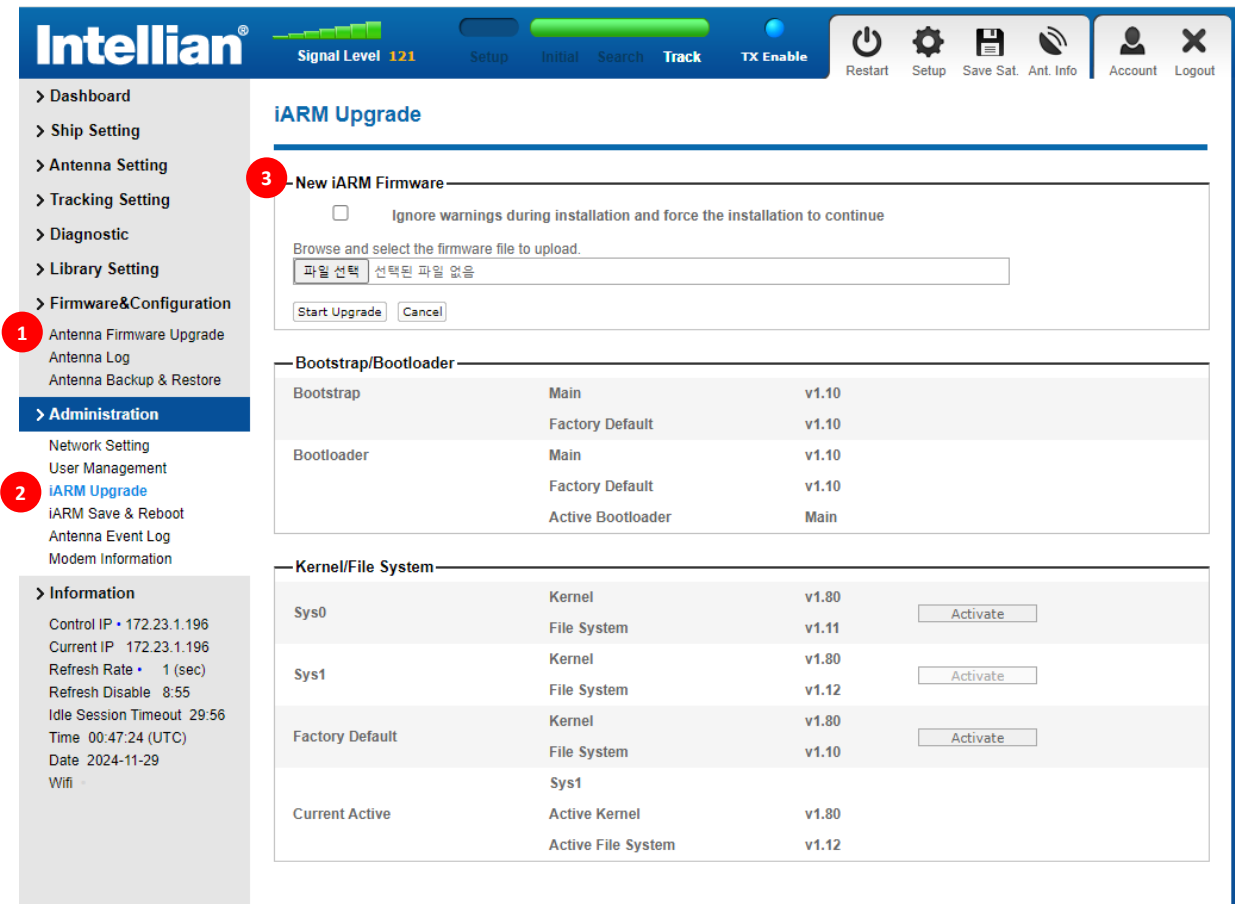
Table 1. Firmware Package Download Link

Product	File Name	Version
GX100	GX100_250818_V1.14.fwp	V1.14
GX100PM	GX100PM_250813_V1.07.fwp	V1.07
iARM	iARM-gx-v1.14-202509151455.tgz	V1.14

1.2 Known Issues

None

2 SW Upgrade Procedure

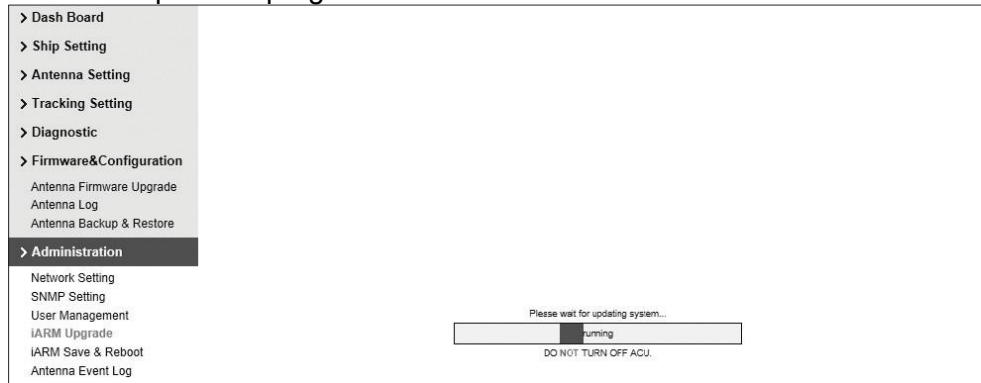


No.	Item	Description
①	FW upgrade	Upgrade the firmware of antenna.
②	iARM Upgrade	Upgrade the firmware of iARM module.
③	New Firmware	iARM Select Upgrade Method between Manual Upgrade or Auto Upgrade. With Manual Upgrade option selected, browse and select the firmware file to upload and click Start Upgrade button. With Auto Upgrade option selected, click Check button to check automatically if there is new firmware available from the server.

iARM firmware upgrade procedures:

1. Click on “Browse” button to select the iARM firmware file (.tgz) that you wish to upgrade. In Auto Upgrade mode, check new firmware file automatically by clicking Check button.
2. Click on “Start Update” button to update the iARM firmware. Wait until the page is loaded. In Auto Upgrade mode, click "Upgrade" button once new firmware file is detected.
3. It'll inform you that the firmware is being uploaded.

Firmware upload in progress



4. Do not turn off the ACU power if the firmware upgrade page is displayed.

Firmware upgrade in progress

It'll take around 2 minutes to complete the firmware upgrade. Once the upgrade is completed, the system will reboot automatically.

Contact Information

Please contact your local Technical Support team or Product Management team if you have any questions or require any additional information.

Thank you.

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