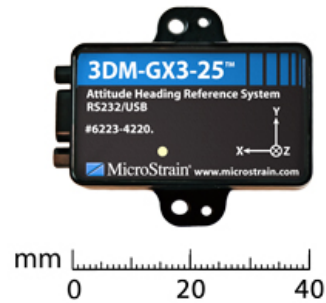


3DM-GX3[®] -25



Upgrade firmware from 0.4.14 to 1.1.27

Overview

Firmware 1.1.27 has added several features to the 3DM-GX3[®] -25 orientation sensor including a magnetometer on/off setting, magnetometer low power setting, quaternion output and adjustable gravity and heading compensation. All 3DM-GX3[®] -25's from serial number 6223-2290 and up are being shipped with firmware 1.1.27. 3DM-GX3[®] -25's with serial numbers 6223-2289 or lower may be upgraded to the newer firmware under the following conditions.

OEM units

All OEM units must be returned to the factory for firmware upgrade. OEM units can not be upgraded by the customer. The OEM units require a special bootloader only available at the factory. Customers wishing to upgrade their OEM units should request an RMA (returned merchandise authorization) from MicroStrain support engineers or their distributor. There will be no charge for the upgrade itself. Customers will be responsible for shipping to and from the factory.

Standard units purchased with an RS-232 interface

All standard units purchased with an RS-232 interface may either be 1) returned to the factory for firmware upgrade, or 2) upgraded by the customer themselves.

Customers wishing to return their unit to the factory should request an RMA (returned merchandise authorization) from MicroStrain support engineers or their distributor. There will be no charge for the upgrade itself. Customers will be responsible for shipping to and from the factory.

Customer wishing to perform the upgrade themselves may download the 1.1.27 firmware and instructions [here](#). The instructions detail how to bootload the firmware using Windows HyperTerminal. Other terminal programs may also be used. There is no charge for this download.

Standard units purchased with a USB interface

All standard units purchased with a USB interface may either be 1) returned to the factory for firmware upgrade, or 2) upgraded by the customer themselves.

Customers wishing to return their unit to the factory should request an RMA (returned merchandise authorization) from MicroStrain support engineers or their distributor. There will be no charge for the upgrade itself. Customers will be responsible for shipping to and from the factory.

Customers wishing to perform the upgrade themselves must first purchase an RS-232 communication cable and power adapter from MicroStrain or its distributors. A special discounted (50% off list price) is available to each customer for the Model 6212-1000 RS-232 communication cable and Model 6313-6010 power adapter. Each customer is allowed one cable and adapter only under this program. Customers may download the 1.1.27 firmware and instructions [here](#). The instructions detail how to bootload the firmware using Windows HyperTerminal. Other terminal programs may also be used. There is no charge for this download. Please note that any standard 3DM-GX3[®]-25 will operate with either a USB or an RS-232 communication cable.

Further Support

MicroStrain support engineers are always available by phone, email or SKYPE to support you in any way we can.