

MicroStrain by HBK Technical Note

3DM-CV7-INS

Current Firmware Upgrade

Date

May 16, 2024

Summary

This technical note details the most current firmware available for the MicroStrain by HBK model 6291-9960 **3DM-CV7-INS** inertial sensor. The technical note additionally describes firmware changes since the initial product release and the use of SensorConnect software to perform the firmware upgrade.

Detail

As we see in the table below, the current firmware is version **1.2.03**. This firmware is contained in the file object entitled **cv7_gv7_ins_firmware_v1203_b16.zhex**.

3DM-CV7-INS Firmware

Firmware Version	ChangeLog
1.2.03	Initial Firmware Release

Upgrading Firmware With SensorConnect

The firmware on the **3DM-CV7-INS** inertial sensor may be upgraded with MicroStrain by HBK's SensorConnect software. This Windows software is available for download and installation on the MicroStrain by HBK website at:

<https://www.microstrain.com/software/sensorconnect>. The user is required to download the ZHEX file from the **3DM-CV7-INS** web page. SensorConnect performs the upgrade under user control.

Support

MicroStrain by HBK support engineers are always available by phone, email, chat, and Teams to support you in any way we can.