

Technical Tips for the 3.0T HD Interface Device

GE® 3.0T Scanner

MEDRAD Part Number M128ERA8HD - SAP #3014229

The **MEDRAD 3.0T HD Interface Device** is used to combine the USAi 3.0T HD Body Array with and the **MEDRAD 3.0T eCoil™ MR Endorectal Coil**. This combination will yield the highest signal-to-noise ratio for the prostate MR application.

The HD Interface Device is designed for the 14x GE 3.0T Scanners. Please confirm that your Torso Array has a HD connector.

The system will require additional installation of configuration files to the scanner in order for the Interface Device to function. Configuration File information is available at www.medrad.com. Please note that the Configuration Files are located in the Available Coil list in the Configuration File Manager of the GE 14x sw 3.0T Scanner system.

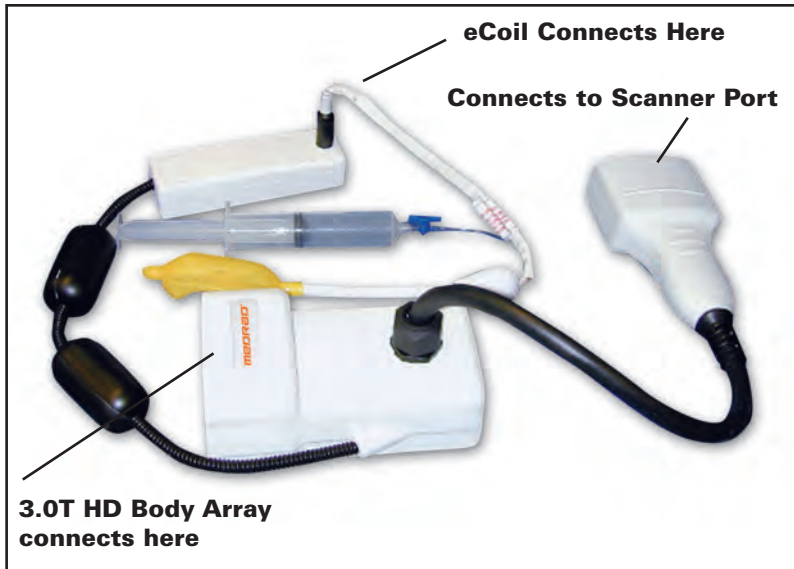
There will be three Configuration Files for use with the HD Interface Device.

**These three files will be located under the header:
HD Ecoil Imaging System by MEDRAD + HD 8 ch Torso**

- 1. EIS_eCoil** This file will provide signal from the eCoil element ONLY. Both the eCoil and the Torso Array are connected to the Interface Device but receiving signal from the eCoil only. (If attempting to use EIS_eCoil without the Torso Array connected under this header, a MC Bias Fault will occur.)
- 2. EIS_eCoilTorso** This file will provide signal from the eCoil element and the Torso Array coil. Please note: both the eCoil and the Torso Array are connected to the interface device.
- 3. EIS_Torso** This file utilizes signal from the Torso Array alone. The eCoil element and the Torso Array are connected to the Interface Device, but receiving signal from the Torso Array alone.

**This file will be located under the header:
HD Ecoil Imaging System by MEDRAD**

- EIS_eCoil** This file will provide signal from the eCoil element ONLY. No Torso Array present or connected.



For additional Technical Support, please contact GE or MEDRAD at: **1800 MRCOILS**. Please refer to the Operator's Manual for specific operator instructions. This document does not replace the Operator's Manual.

MEDRAD reserves the right to modify the specifications and features described herein, or discontinue manufacture of the product described at any time without prior notice or obligation. Please contact your authorized MEDRAD representative for the most current information.

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