

GE HiSpeed CT Series

Revision History

Date / Version	Author	Comments
5/30/2012	Steve Moore	HiSpeed NX/i 5.5x
12/27/2012	Steve Moore	<ul style="list-style-type: none"> • HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 10.x, 11.x, 5144074 Rev 2 • HiSpeed NX/i, NX/i Pro - 9.x, 11.x 2371419 Rev 3 • HiSpeed NX/i, NX/i Pro -8.x, 7.x 2371419 Rev 1 • HiSpeed NX/i -5.0x 2274762 Rev 1.2 • HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 6.xx 2227206 Rev 4.1 • HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 4.xx 2227206 Rev 3.3 • HiSpeed LX/i, FX/i, DX/i, DX/iB - 2.5x/3.0x 2227206 Rev. 2.0

Introduction

This document lists private elements for GE HiSpeed CT systems. A separate table is maintained for each collection of private elements indexed by the Private Creator ID. Each table contains a column for each of the software versions listed below. The intersection of a row (private element) and a column (software version) is a cell with a symbol indicating if that private element is produced by that software version.

*: Element is listed in the document

X1: Element is listed with a note: No longer supported

If the cell is empty, the DICOM conformance statement for that software version does not mention that private element.

All data were determined by reading DICOM conformance statements.

Scanner/Software Versions

Link Name / GE website	Model	SW Version	Meta SW Version	Document	File Name
HiSpeed NX/i 5.5x, NXi PRO 5.5x Direction # 2274762 Rev. 2.1	HiSpeed NX/i	5_54	HiSpeed NX/i 5.5x	DIR 2274762 REV 2.1	GEHC-DICOM- Conformance_HiSpeedNXi- 5-5x_2274762_Rev2-1
HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 10.x, 11.x, 5144074 Rev 2	HiSpeed ZX/i, LX/i, FX/i, DX/I, DX/iB	10.x, 11.x	HiSpeed ZX/I 10.x, 11.x	5144074 Rev 2	
HiSpeed NX/i, NX/i Pro - 9.x, 11.x 2371419 Rev 3	HiSpeed NX/i, NX/i Pro	9.x, 11.x	HiSpeed NX/i, NX/i Pro - 9.x, 11.x	2371419 Rev 3	
HiSpeed NX/i, NX/i Pro -8.x, 7.x 2371419 Rev 1	HiSpeed NX/i, NX/i Pro	8.x, 7.x	HiSpeed NX/i, NX/i Pro -8.x, 7.x	2371419 Rev 1	
HiSpeed NX/i -5.0x 2274762 Rev 1.2	HiSpeed NX/i	5.0x	HiSpeed NX/i -5.0x	2274762 Rev 1.2	
HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 6.xx 2227206 Rev 4.1	HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB	6.xx	HiSpeed ZX/i... 6.xx	2227206 Rev 4.1	
HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB - 4.xx 2227206 Rev 3.3	HiSpeed ZX/i, LX/i,FX/i,DX/i,DX/iB	4.xx	HiSpeed ZX/i... 4.xx	2227206 Rev 3.3	
HiSpeed LX/i, FX/i, DX/i, DX/iB - 2.5x/3.0x 2227206 Rev. 2.0	HiSpeed LX/i, FX/i, DX/i, DX/iB	2.5x/3.0x	HiSpeed LX/i... 2.5x/3.0x	2227206 Rev. 2.0	

GEMS_IMAG_01

		VR	VM								
HiSpeed NX/i 5.5x				*	*	*	*	*	*	*	*
HiSpeed ZX/I 10.x, 11.x				*	*	*	*	*	*	*	*
HiSpeed NX/i, NX/i Pro - 0.x-11.x				*	*	*	*	*	*	*	*
HiSpeed NX/i, NX/i Pro - 0.x-7.x				*	*	*	*	*	*	*	*
HiSpeed NX/i -5.0x				*	*	*	*	*	*	*	*
HiSpeed ZX/i... 6.xx				*	*	*	*	*	*	*	*
HiSpeed ZX/i... 4.xx				*	*	*	*	*	*	*	*
HiSpeed LX/i... 2.5x/3.0x				*	*	*	*	*	*	*	*
GEHC Private Creator ID	0x00270010	LO	1	*	*	*	*	*	*	*	*
Scout Type	0x00271010	SS	1	*	*	*	*	*	*	*	*
Scan start location	0x00271050	FL	1	*	*	*	*	*	*	*	*
Scan end location	0x00271051	FL	1	*	*	*	*	*	*	*	*

GEMS_PARM_01

				HiSpeed NX/i 5.5x	HiSpeed ZX/I 10.x, 11.x	HiSpeed NX/i, NX/i Pro - 9.x, 11.x	HiSpeed NX/i, NX/i Pro -8.x, 7.x	HiSpeed NX/i -5.0x	HiSpeed ZX/i... 6.xx	HiSpeed ZX/i... 4.xx	HiSpeed LX/i... 2.5x/3.0x
		VR	VM								
GEHC Private Creator ID	0x00430010	LO	1	*	*	*	*	*	*	*	*
X-Ray Chain	0x00430012	SS	3							*	*
Delta start time [msec]	0x0043101e	DS	1	*	*	*	*	*	*	*	*
Scan pitch ratio	0x00431027	SH	1	*		*	*	*	*		
Recon Center Coordinates	0x00431031	DS	3	*	*	*	*	*	*	*	
Raw Data ID	0x00431063	SH	1	*	*	*	*	*	*	*	*
Image Filter	0x00431064	CS	1-n	*	*	*	*	*	*	*	*
Motion Correction Indicator	0x00431065	US	1	*	*	*	*	*	*	*	*
Helical Correction Indicator	0x00431066	US	1	*	*	*	*		*	*	*
IBO Correction Indicator	0x00431067	US	1	*	*	*	*	*	*	*	*
(L1) XT Correction Indicator (L2) Cross-Talk Correction Indicator	0x00431068	US	1	L11	L1	L1	L1		L1	L1	L2
Q-cal Correction Indicator	0x00431069	US	1	*	*	*	*		*	*	*

(L1) AV Correction Indicator (L2) Afterglow Correction Indicator	0x0043106a	US	1	L1	L1	L1	L1		L1	L2	L2
(L1) L-MDK Correction Indicator (L2) Local Decon Correction Indicator	0x0043106b	US	1	L1	L1	L1	L1		L1	L2	L2
Detector Row	0x0043106c	IS	1	*	*	*	*	*	*	*	*
(L1) Area Size (L2) Z-smoothing Size	0x0043106d	US	1	L1	L1	L1	L1	L2	L1	L1	L1
Auto mA Mode	0x0043106e	SH	1	*	*	*	*	*	*	*	*

GEMS_HINO_CT_01

					HiSpeed NX/i 5.5x	HiSpeed ZX/I 10.x, 11.x	HiSpeed NX/i, NX/i Pro - 9.x, 11.x	HiSpeed NX/i, NX/i Pro -8.x, 7.x	HiSpeed NX/i -5.0x	HiSpeed ZX/i... 6.xx	HiSpeed ZX/i... 4.xx	HiSpeed LX/i... 2.5x/3.0x
GEHC Private Creator ID	0x004b0010	LO	1	*	*	*	*		*			
Beam Thickness	0x004b1001	DS	1-n	*		*	*		*			
R Time	0x004b1002	DS	1-n	*	*	*	*		*			
HBC number	0x004b1003	IS	1	*	*	*	*		*			