Canon

Product Data
No. MPDCT0350EAY

APPLICATION

SUREXtension can be installed on a network PC providing direct access to main console patient data allowing instant reviewing. Since SUREXtension is a background process the initial performance of the main console is not affected.
The applicable CT systems are shown below.

SYSTEM MODEL		SYSTEM SOFTWARE	APPLICABLE SUREXtension
Aquilion ONE	TSX-301A/4	V6.0	COT-49D/7
	TSX-301C/1-5		
	TSX-301C/1-8	V7.0	COT-49D/B
		V8.1 or V8.3	COT-49D/F
	TSX-305A/1-3	V7.0	COT-49D/E
		V8.1 or V8.3	COT-49D/GB
	TSX-305A/4 (S/N 2014 or earlier), TSX-305A/5 (S/N 2041 or earlier)	V8.3	
	TSX-305A/1-3*, TSX-305A/4 (S/N 2014 or earlier)*, TSX-305A/5 (S/N 2041 or earlier)*	V8.9	COT-49D/GD
	TSX-305A/4 (S/N 2015 or later), TSX-305A/5 (S/N 2042 or later)	V8.9	COT-49D/GF
	TSX-305A/4 (S/N 2069 or later), TSX-305A/5 (S/N 2309 or later)	V10.0 or later	COT-49D/O
	TSX-306A/1-3		
Aquilion Prime SP	TSX-303B/1, /4	V8.4	COT-49D/L
	TSX-303B/5, /6, /8, /9	V10.2 or later	COT-49D/Q
Aquilion PRIME	TSX-302A	V6.0	COT-49D/8
		V7.0	COT-49D/D
	TSX-303A/1, /2, /5, /A, /B, /F	V6.0	COT-49D/9
		V7.0	COT-49D/D
		V8.2	COT-49D/J
	TSX-303A/L, /M, /T	V7.0	COT-49D/C
		V8.2	COT-49D/K
Aquilion Exceed LB	TSX-202A/1-3	V10.6 or later	COT-49D/O
Aquilion	TSX-201A/2, /3	V6.0 or V6.3	COT-49D/A
	TSX-201A/3 (S/N 2212 or later)	V6.3	COT-49D/M
	TSX-201A/3	V6.6 or later	COT-49D/P
	TSX-101A/R	V6.0	COT-49D/A
	TSX-101A/R (S/N 2236 or later)	V6.0	COT-49D/M
Aquilion Lightning	TSX-036A/1, /4	V8.4	COT-49D/I
	TSX-036A/7	V10.2 or later	COT-49D/Q

*: When the optional FIRST (Forward projected model-based Iterative Reconstruction SoluTion) (CCRS-001B) is installed.

Note: Some systems may not be available in your country or region. Please check with your sales representative.

COT-49D

SPECIFICATIONS OF THE NETWORK PC

- Main unit

System software version	Before V6.6 (for Aquilion LB), Before V10		V6.6 or later (for Aquilion LB), V10 or later
System OS	Before Windows® server 2016		Windows® server 2016
CPU	32 bit processor	64 bit processor	64 bit processor
Main memory	1 GB	As recommended by Microsoft® Corporation	As recommended by Microsoft® Corporation
Hard disk	At least 40 GB		
Operating system	Windows® XP SP2 Windows® 7	Windows® XP SP2 Windows® 7 Windows® 10	Windows® 10 Pro
Graphics card Resolution Depth	1280 × 1024[*1] 32 bits[*1]		
Application	Remote desktop connection version 6.0		Remote desktop connection version 10.0
Ethernet I/F	1000BASE-T		
Storage media	CD		

- Monitor
  – Display monitor: 48.1 cm (19 inch) or larger LCD monitor
  – Resolution: 1280 × 1024[*1]

FEATURES

- Image observation
  3D/MPR images can be created and displayed using the image data acquired by the CT scanner.
  Essential image processing can be performed by 2D viewing.
- Image storage
  Image data can be stored in the CT scanner.

COMPOSITION

- Software (for CT)..1 set
- Software (for network PC)...1 set
- Manuals...1 set

PERFORMANCE SPECIFICATIONS

Image Observation

- AutoView
  A study or series can be selected and displayed in single-frame or multiframe format.
- MPR image display
  Axial, coronal, sagittal, or oblique planes can be displayed.
- 3D image display
  Volume rendering can be performed.
- Image processing
  – ROI setting and processing
  – Measurement of distance and angle between two points

Storing Images

Processed 3D and MPR data can be stored on the CT system.

Image Management

The following request operations can be performed from the network PC. Note that write, transfer, and retrieve are performed from the connected CT system.

- DVD write
- Transfer: DICOM storage SCU
- Retrieve: DICOM Q/R SCU[*2]

Filming

- Filming can be performed from the network PC.
- At the network PC, the imager presets of the connected CT system can be used.

OPERABLE STANDARD APPLICATIONS

The applications that can be handled differ depending on the version of CT system software.

- List of functions
  – AutoView-M
  – AutoView-S
  – Filming
  – MPR image display
  – 3D image display
  – Raw data processing[*3]

---

*1: Must be supported and set.
*2: When the optional DICOM query/retrieve SCU is installed at main console.
*3: System software V7.0 or later

OPERABLE OPTIONAL CLINICAL APPLICATIONS

A: Available, N/A: Not available

SUREXtension	COT-49D /7	COT-49D /8, /9	COT-49D /A, /M, /P	COT-49D /B, /E, /F, /G, /O	COT-49D /C, /D, /J, /K, /L, /Q	COT-49D /I
Display system for dental application (CDP-07A)	A	A	A	A	A	A
FlyThrough software (CFT-03A)	A	A	A	A	A	A
SURECardio scoring (CSCS-001A)	A	A	A	A	A	A
Colon view (CSCV-001A)	A	A	A	A	A	A
SUREPlaque (CSPV-002A)	A	A	N/A	A	A	A
Vessel view (CVV-001A)	A	A	A	A	A	A
Dual energy system (CSDE-001A)	A	A	N/A	A	A	A
Body organ perfusion (CSBP-002A)	A	A	N/A	A	A	A
MyoPerfusion software (CSMP-001A)	A	N/A	N/A	A[*1]	N/A	N/A
Fat index view (CSFM-001A)	A	A	A	A	A	A
Cardiac function analysis software (CFA) (CSCF-002A)	N/A	A	N/A	A[*2]	A	A
Cardiac function analysis software (CFA) (CSCF-003A)	A	N/A	N/A	A[*1]	N/A	N/A
Lung volume analysis (CSLV-001A)	A	A	A	A	A	A
Cerebral blood-flow analysis system (CBP-study) (CSCP-002A)	N/A	A	A	A[*2]	A	A
Neuro package (CSNP-002A)	A	N/A	N/A	A[*1]	N/A	N/A
Wide volume brain perfusion (CSWB-001A)	N/A	A	N/A	A[*2]	A[*3]	N/A
SURESubtraction angio (CSSA-001A)[*4]	N/A	N/A	N/A	A	A	A
SURESubtraction iodine Mapping (CSSI-001A)[*4]	N/A	N/A	N/A	A	A	A
SURESubtraction ortho (CSSO-001A)	A	A[*5]	N/A	A	A	A
Shuttle helical brain perfusion (CSSB-001A)[*6]	N/A	A	N/A	N/A	A[*3]	N/A
SURESubtraction lung (CSSL-001A)	A	A	N/A	A	A	A
Dual energy composition analysis (CSDC-001A)	A	A	N/A	A	A	A
Dual energy raw data analysis (CSDR-001A)	A	N/A	N/A	A	N/A	N/A
4D Airways analysis (CSAA-001A)	N/A	N/A	N/A	A	A	A
4D Cerebral artery morphological analysis (CSAM-001A)	N/A	N/A	N/A	A	A	A
4D Orthopedic analysis (CSOA-001A)	N/A	N/A	N/A	A[*1]	N/A	N/A
Adaptive Motion Correction (CSMC-001A)	N/A	N/A	N/A	A[*1]	N/A	N/A
Body perfusion package (CSBP-004A)[*6], [*7]	N/A	N/A	N/A	N/A	A[*3]	N/A
Dynamic shuttle body perfusion (CSDB-001A)[*6]	N/A	N/A	N/A	N/A	A[*3]	N/A

*1: Except for TSX-202A
*2: Only for TSX-202A
*3: Except for TSX-036A
*4: System software version must be V8.1 or later.
*5: When the optional display console kit is installed.
*6: For CT systems with 300 kg (661lb) couch.
*7: This option consists of Dynamic shuttle body perfusion (CSDB-001A) and Body organ perfusion (CSBP-002A).

CAUTION

- ^{SURE}Xtension should not be used for definitive diagnosis.
- Actual image processing from the network PC is performed in the CT system. If an abnormality occurs in the CT system or the network, operations cannot be performed from the network PC.

RESTRICTIONS

- Two concurrent users (console operator plus one remote user) are supported with no compromise in performance*.

  *: Depending on the network environment.

MASS

- Mass: 1.8 kg (4.0 lb)

POWER REQUIREMENTS

The ratings of the CT system are not changed.

AMBIENT CONDITIONS

Same as those for the CT system.

Made For life