JVCKENWOOD

News Release

JVCKENWOOD Corporation

March 27, 2025

JVCKENWOOD Exhibits at ITEM 2025

JVCKENWOOD Corporation (“JVCKENWOOD”) will exhibit at the International Technical Exhibition of Medical Imaging (ITEM) 2025 to be held at PACIFICO Yokohama from Friday, April 11 to Sunday April 13.

The JVCKENWOOD booth will showcase the full lineup of the new “i3 Series” medical imaging monitors, scheduled for sequential release starting in June. These monitors are classified as specially-designated medical devices requiring maintenance[*1], “Diagnostic imaging display with GSDF calibration function,” as part of efforts toward the medical device certification of diagnostic imaging monitors. In addition, software compliant with the DICOM GSDF[*2] standard, designed for quality control of diagnostic imaging monitors, will be introduced.

Note 1: Among medical devices, those requiring specialized knowledge and skills for maintenance, inspection, repair, and other management tasks are designated by the Ministry of Health, Labour and Welfare for proper management due to their potential significant impact on disease diagnosis, treatment, or prevention if not properly managed.

Note 2: Defined as an item in the standard for digital imaging and communications in medicine, “DICOM Part 14.”

Conceptual image of JVCKENWOOD booth

Main Exhibits (Booth No. D5-03):

1. Full lineup of specially-designated medical devices requiring maintenance, “Diagnostic imaging display with GSDF calibration function”

Following the announcement by the Ministry of Health, Labour and Welfare on July 8, 2024[*3], “Diagnostic imaging display with GSDF calibration function” has been designated as a specially-designated medical device requiring maintenance. In response to this announcement, as reported on November 28, 2024, JVCKENWOOD obtained permission from Kanagawa Prefecture for “Third-class marketing license for medical devices,” allowing the manufacture and sale of general medical devices (Class I). Starting in June 2025, the company will sequentially launch diagnostic imaging monitors, primarily the “i3 Series,” which fall under the category of “Diagnostic imaging display with GSDF calibration function.” The booth will showcase the full lineup of these monitors.

Diagnostic Imaging Monitor 6-Megapixel 30-Inch Color Display “CL-S600M”

Note 3:
Ministry of Health, Labour and Welfare Notification No. 240 (July 8, 2024): Amendment of certain provisions regarding advanced controlled medical devices, controlled medical devices, and general medical devices designated by the Minister of Health, Labour and Welfare under Articles 5 to 7 of the Act on Securing Quality, Efficacy, and Safety of Pharmaceuticals, Medical Devices, etc.
Ministry of Health, Labour and Welfare Notification No. 241 (July 8, 2024): Amendment of certain provisions regarding specially controlled medical devices designated by the Minister of Health, Labour and Welfare under Article 8 of the Act on Securing Quality, Efficacy, and Safety of Pharmaceuticals, Medical Devices, etc.
Ministry of Health, Labour and Welfare Notification No. 242 (July 8, 2024): Amendment of certain provisions regarding general medical devices designated by the Minister of Health, Labour and Welfare under Article 5-5

(1) Full lineup of diagnostic imaging monitors on display

i3 Series

- For mammography:

・12 Megapixel, 30.9-inch color LCD monitor “CL-S1200M”
・5 Megapixel, 21.3-inch color LCD monitor “CL-S500M Dualstand” and others

- For PACS:

・6 Megapixel, 30-inch color LCD monitor “CL-S600M”
・2 Megapixel, 21.3-inch color LCD monitor “CL-S200M” and others Others

Others

- For Hospital Information Systems (HIS)/electronic medical records /clinics:

・2 Megapixel, 21.3-inch color LCD monitor “CL-R211M” and others

(2) Introduction of key models from the “i3 Series” diagnostic imaging monitors

●CL-S301M: USB Type-CTM cable for video transmission, suitable for remote and home-based diagnostics

The 3 Megapixel, 21.3-inch color LCD monitor “CL-S301M,” designed for use with USB Type-C™ (DisplayPort Alternate Mode). This model enables video transmission and power supply through a single USB Type-C™ cable, offering a smart connection with laptops and mobile devices. Additionally, it is equipped with a KVM switch function[*4]and with this feature, users can switch between two different PC terminals using just one monitor, contributing to cost savings and space efficiency. This solution meets the needs of large hospitals, clinics, and remote/home settings, supporting the

Diagnostic Imaging Monitor 3-Megapixel 21.3-Inch Color Display “CL-S301M”

improvement of work efficiency and the promotion of work style reforms for medical institutions and healthcare professionals.

Note 4: Keyboard, Video, Mouse (KVM) switch function: A feature that allows control of multiple computers with a single keyboard, monitor, and mouse (KVM).

●CL-S1200M: 30.9-inch 12-megapixel display for simultaneous AI diagnostic image viewing

The "CL-S1200M" is a color LCD monitor designed for mammography, featuring industry-leading[*5] 12-megapixel resolution and a 30.9-inch wide screen. This model supports dual-screen display of mammography images and can simultaneously show CT, MRI, ultrasound, pathology, and other imaging modalities. Multiple application windows, such as viewers, reports, and AI assessments, can be freely arranged on a single screen. The wide, seamless display offers a comfortable imaging environment, reduces eye strain, and optimizes space utilization. Additionally, it supports the development of medical imaging AI software, which requires the creation of vast amounts of training data, by providing a large screen and high-quality display, aiding medical professionals during long, concentration-intensive tasks.

1200 Megapixel 30.9-inch Color Diagnostic Imaging Monitor "CL-S1200M"

2. Software for quality control of diagnostic imaging monitors, compliant with DICOM GSDF standard

Software that supports the quality control for diagnostic imaging monitors, which are specially-designated medical devices requiring maintenance, compliant with DICOM GSDF standards. Introducing the monitor accuracy management software "QA Medivisor Agent"[*6] and the network quality management software "PM Medivisor"[*7]. Additionally, methods for accuracy management based on the new guidelines "JESRA TR-0049," which set standards for accuracy management of diagnostic imaging displays with GSDF calibration functions, will be introduced.

PM Medivisor

Note 5 : For medical monitors used in radiological image diagnostics (as of March 2025, according to JVCKENWOOD research).
Note 6: "QA Medivisor Agent" is optional software and is not a medical device. It is included with the diagnostic imaging monitor.
Note 7: "PM Medivisor" is optional software and is not a medical device, sold separately.

Overview of the 2025 International Medical Imaging Exhibition (ITEM 2025)

Event Period	:	April 11 (Fri): 10:00 AM -5:00 PM April 12 (Sat): 9:30 AM – 5:00 PM April 13 (Sun): 9:30 AM – 3:00 PM
Organizer	:	Japan Radiology Congress (JRC)
Operator	:	Japan Medical Imaging and Radiological Systems Industries Association (JIRA)
Venue	:	PACIFICO Yokohama, Exhibition Halls A (part), B, C, D (tentative)
Official URL	:	https://www.jira-net.or.jp/event/item.html

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