

JVCKENWOOD Corporation

March 28, 2022

JVCKENWOOD Exhibits at International Technical Exhibition of Medical Imaging 2022 (ITEM in JRC2022)

Exhibiting new medical image displays for the first time and proposing technologies related to new image interpretation styles

JVCKENWOOD Corporation (JVCKENWOOD) will exhibit at the International Technical Exhibition of Medical Imaging 2022 (ITEM in JRC2022) to be held at PACIFICO Yokohama from Friday, April 15 to Sunday, April 17.

The JVCKENWOOD booth's lineup of medical image displays will include the high-end i3 series, which has been well received for its various functionality supporting image interpretation and anti-bacterial measures, and the first appearance of the 32-inch, 8-million-pixel wide model CL-R813 (a new product announced on March 23), which achieves both cost performance and practicality. We will also be proposing a monitor quality management cloud service for clinics and remote image interpretation, and technology related to a new image interpretation style that combines a gaze tracking system with an image interpretation monitor.



Conceptual image of JVCKENWOOD booth

Main Exhibits (JVCKENWOOD Booth: No. D5-02)

1. Exhibiting the latest product line of medical image displays

(1) 30.9-inch, 12-million-pixel color LCD monitor i3 series CL-S1200

The CL-S1200 medical image display monitor for mammography will be exhibited. A wide screen with a high resolution of 12 million pixels, the highest in the industry^{*1}, supports not only two windows side-by-side for mammography images, but also simultaneous display of CT, MRI, ultrasound, pathology, and various other images. A variety of medical images can be efficiently displayed on a single device, contributing to more efficient and less burdensome interpretation work for doctors, and effective use of space. In



CL-S1200

In addition, an antibacterial^{*2} coating has been applied to the body part and the liquid crystal surface has been covered by a glass filter, adopting a design that considers hygienic control and supporting measures to prevent infection in hospitals. It will be exhibited together with anti-infection, waterproof keyboards, and mice in the MEDIGENIC series.



*1: For medical monitors used for radiology diagnostic imaging (as of March 2022; based on a survey by JVCKENWOOD).

*2: This product does not have antibacterial effects against all bacteria. Antibacterial coatings are not applied to the stand and the glass filter.

(2) 30-inch, 6-million-pixel color LCD monitor i3 series CL-S600

The CL-S600 medical image display for PACS^{*3}, which achieves a 6-million-pixel resolution equivalent to that of two 3-million-pixel monitors on a single unit, will be exhibited. With clear visibility from a high brightness of 1300 cd/m² and high contrast ratio of 2000:1, and anti-bacterial measures on the body part, the display is designed to support doctors' image interpretation work.



CL-S600

*3: Picture Archiving and Communication Systems. Medical image management systems that receive image data taken by imaging systems, such as CR, CT, and MRI, through networks and store/manage the data.

(3) First exhibition: 32-inch 8-million-pixel color LCD monitor CL-R813 (simultaneously announced today)

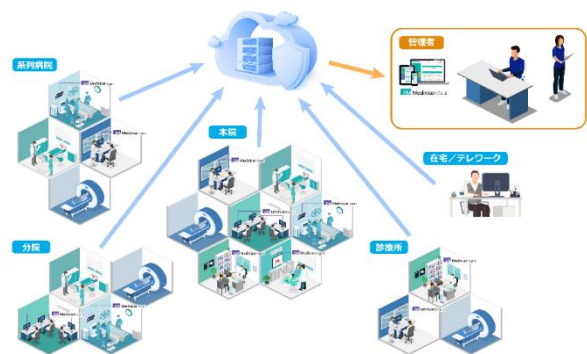
CL-R813, a new medical image display for electronic medical records and modalities that offers a level of both cost performance and practicality that makes it easy to introduce into clinics, will be exhibited for the first time. The 32-inch-wide screen area supports simultaneous display of CT, MRI, CR/DR, and various other medical images. It is also possible to freely lay out various application windows, such as viewers, reports, and AI judgment results, on a single screen. Additionally, these monitors comply with the DICOM Part 14 gradation curve, which is required for medical image display. Finally, it features a slim, lightweight design with a narrow bezel, providing a comfortable desktop workspace.



CL-R813

2. Exhibiting PM Medivisor Cloud, a monitor quality management cloud service for clinics and remote image interpretation

PM Medivisor Cloud is a cloud service that provides administrators with a safe and efficient way to collect, analyze, and store the operating status of monitors installed both inside and outside hospitals via the Internet. Administrators can remotely and comprehensively manage and check the quality status of monitors regardless of location, greatly simplifying management and reducing maintenance costs.



PM Medivisor Cloud

Additionally, secure remote management over the Internet can be performed through secure communication protocols. We are proposing solutions that address the challenges of labor shortages

and the need for remote image interpretation in healthcare settings, accelerated amid the novel coronavirus pandemic.

3. Technical exhibition: Proposing an image interpretation style that combines a gaze tracking system with an image interpretation monitor

We are proposing a new image interpretation style technology that combines the eye-tracking technology of the Gazefinder gaze tracking system with a medical image display. In the future, by visualizing the image interpretation process, we aim to utilize it in product development as a technology that contributes to the support of diagnostic imaging and the training of image interpretation physicians.

Outline of International Technical Exhibition of Medical Imaging 2022 (ITEM in JRC2022)

Period : April 15 (Fri) 10:00 am to 5:00 pm
April 16 (Sat) 9:30 am to 5:00 pm
April 17 (Sun) 9:30 am to 3:00 pm
Organizer : Japan Radiology Congress (JRC)
Operation : Japan Medical Imaging and Radiological Systems Industries Association (JIRA)
Venue : PACIFICO Yokohama Exhibition Hall A (partial), B, C, D (plan)
Official website : <http://www.j-rc.org/jrc/index.html>

Trademarks

- MEDIGENIC is a trademark of Advanced Input Systems in the United States
- Gazefinder is a trademark or registered trademark of JVCKENWOOD Corporation.
- All company names and product names contained in this press release are trademarks or registered trademarks of their respective holders.

* This exhibition will be held in compliance with government and exhibition industry guidelines for the spread of infection and to ensure the safety of exhibitors and visitors. ITEM2022 website on infection control measures: https://www.j-rc.org/jrc/2022/Infection_prevention.html

*The JVCKENWOOD booth will implement measures to prevent the spread of new COVID-19 infection, including the wearing of face guards and masks, thorough disinfection of hands and fingers, and regular alcohol disinfection of exhibits. Any future changes will be immediately announced.

This document is based on information available to the Company at the time of release and may differ from the latest information.

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