Scalable device communication

The CVS-03 communicates with the following devices via direct cable: RS-232C or LAN and it is scalable to streamline the ECG workflow to support connectivity with Electronic Medical Record (EMR) system. The CVS-03 generates ECG information in PDF, JPEG or PNG data formats.

System Requirements

- **Operating System:** Windows XP (Service Pack 2.0 or higher) or Vista/7/8
- **Memory:** 256MB or higher
- **Hard disk:** Minimum requirement for installation
- **Server client:** 10MB or higher
- **Client:** 4MB or higher
- **Data storage capacity:**
  - 12 lead ECG data: Approx. 3,200 ECG/GB (Compressed data: Approx. 20,000 ECG/GB)
  - Long-term ECG data: Approx. 3,100 ECG/GB (Compressed data: Approx. 10,000 ECG/GB)

- **Display:** 1024×768 or greater (mandatory)
- **Printer:** 300dpi or higher
- **Data transfer:** LAN: TCP/IP, 100BASE-T7 for Cardio 306, Cardio 601 (5.7” color LCD), Cardio 1211 and Cardio FC 1201
  - RS-232C for Cardio 306 and 1210
  - USB for Cardio 601 (3.8” monochrome LCD)

Related Products

- **Cardio 306:** 3 Channel Digital Electrocardiograph with Analysis
- **Cardio 601:** 6 Channel Digital Electrocardiograph with Analysis
- **Cardio 1210:** 12 Channel Digital Electrocardiograph with Analysis
- **Cardio 1211:** 12 Channel Digital Electrocardiograph with Analysis

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ECG Data Viewer CVS-03 is comprehensive ECG data management software to support integration, management and streamlining the workflow of ECG information assisting healthcare professionals to ensure informed clinical decisions and enhance productivity.

Various displays of ECG information

12 lead resting ECG
Displaying 12 lead ECG along with a rhythm lead for 10 seconds.

Analysis result
Analysis result can be confirmed by reviewing representative complexes and rhythms. Interpretation and comments can be edited by a physician. A free text statement can be inserted in the “Notes” column.

ECG comparison
Historical ECG of the same patient can be compared on screen in display format of 6 leads for 5 seconds or 3 leads for 10 seconds.

Serial comparison
Up to 4 dominant ECG complexes of the same patient can be compared in different colors.

Long term resting rhythm
Stores for up to 5 minutes of resting rhythm ECG including full disclosure, arrhythmia event classification and autonomic nervous system test (A.N.S.T.). Arrhythmia events can be quickly reviewed using the scroll bar on the screen.

On screen calipers

Holter ECG report
Holter ECG report in PDF generated from Kenz Cardy Analyzer 05 can be imported to CVS-03 to display on the screen and for data management.