

FOR IMMEDIATE PUBLICATION

42-Inch, Full HD LCD for Operating Rooms

Canvys – Consultation, design, development and implementation of comprehensive visual technology solutions for health care, Original Equipment Manufacturers (OEMs) and digital signage applications

Donaueschingen – 22 September 2009. Donaueschingen. Canvys - Visual Technology Solutions is expanding its display portfolio products, which are approved for use in a medical environment with a 42-inch display that has full HD resolution.

Canvys developed its new display solution specifically for use in operating rooms. Serially produced, embedded safety glass (IPX1 protection) establishes the ideal basis for using this display. The MD-CP42 meets the important requirements in operation rooms, as the LCD is capable of displaying video and x-ray images according to the DICOM standard.

The MD-CP42 from Canvys offers a native resolution of 1920x1080 pixels (full HD) and a contrast value of 2500:1. The maximum brightness amounts to 500 cd/m².

A range of signal inputs such as DVI, HD-SDI, RGB, S-video and composite video facilitates the connection of various signal sources, including HD endoscopic cameras, operation cameras or HD-video cameras.

The display approved for use in a medical environment contains both different gamma curves and DICOM preset. The CFS™ calibration software included with delivery makes it possible both to calibrate the display according to the DICOM standard and to perform an automated conformity test to ensure consistent image quality.

In this way, the Canvys MD-CP42 is ideally suited for the display of x-ray images in the operating room.

The "picture-in-picture" function lets the user simultaneously view x-ray images while a video plays in another area of the display. This option and all the OSD settings can be selected directly on the LCD monitor and via a serial RS232 interface.

The device is produced in Germany. Furthermore, Canvys can ensure the identical configuration of the display for at least two years, thanks to the use of components available over the long term. This saves the user from having to perform lengthy, cost-intensive and laborious function and installation tests.

The display has the approvals CE, EN60601-1-1 and EN60601-1-2.

The MED-CP42 from Canvys can be fitted with the following options upon request:

- 3M DST touch screen
- Integrated PC or media player
- Wall holder with VESA adapter

Customized solutions can even be produced for small numbers of units. Such customization includes adding logos or configuring the displays with customized timings.

The devices are currently available from Canvys. Technical details and prices available upon request.

Please contact us for details on the available options:

Photo of product:

If the photo cannot be viewed, please contact:

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Press release



A Division of Richardson Electronics

About Canvys, a Division of Richardson Electronics, Ltd. (NASDAQ: RELI)

Canvys, a global value-added integrator and manufacturer, specializes in creating comprehensive visual technology solutions for healthcare, Original Equipment Manufacturers (OEMs) and digital signage applications. Our collaborative approach allows us to evaluate each customer's unique needs and craft the right solution—whether custom-engineered, value-added outsourced, or modified off-the-shelf. In addition, we provide complete post-sale service and support, including installation, maintenance, troubleshooting, calibration and conformance. For more information, visit us at www.canvys.com.

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