

EIZO Enhances Its Surgical and Endoscopy Business with Release of 4K Surgical Monitor

Hakusan, Japan, November 7, 2017 – EIZO Corporation (TSE: 6737) today announced the third introduction to its line of surgical and endoscopy monitors with the CuratOR EX3140 – the first 4K UHD (3840 x 2160 pixels) monitor in the CuratOR lineup to be used for endoscopy and surgical microscopes.



CuratOR® EX3140

The EX3140 features a resolution four times greater than a full HD monitor. It clearly displays images taken by 4K endoscopy and surgical microscope cameras and makes otherwise difficult-to-see artifacts more visible. Using EIZO's Smart Resolution with Sparse Coding (S.R.S.C) proprietary technology, full HD images can be enhanced to a 4K resolution without any lag, making full use of the monitor's 4K resolution.

The monitor displays a wide color gamut, emulating the 4K UHD video color standard BT.2020. Not only does it faithfully reproduce the sRGB color gamut, but also displays the increased range of yellowish-green to red colors that BT.2020 compatible cameras are able to capture.

4K UHD resolution can be transmitted via DisplayPort 1.2 and Quad Link 3G-SDI (BNC). With DisplayPort 1.2, data is transmitted at 60 frames/second through a single cable. Additionally, the cable locks into the monitor and cannot be accidentally pulled out – ensuring consistent and stable connection at all times. The 3G-SDI (BNC) can transmit a signal over long distances of 30 meters.

The monitor is designed with safety and hygiene in mind. It features rounded corners to prevent injury when moved around the operating room, and it also features a fully flat design which has protection against foreign material and splashes to a level of IP45 on the front and IP32 in entirety. Cleaning and disinfection can be done safely and efficiently without damaging the monitor. It can also contain cables neatly in the supplied cable cover for safe and hygienic use.

EIZO will continue to expand on this new line of surgical monitors, with varying resolutions and sizes, to respond to the diversifying needs of the healthcare industry.

Availability

The CuratOR EX3140 will begin shipping from April 2018. Date of availability varies by country so contact the EIZO group company or distributor in your country for details.

About EIZO

EIZO (TSE:6737), which means image in Japanese, is a visual technology company that develops and manufactures high-end display solutions. EIZO integrates hardware and software technologies with consulting, web hosting, and other services to help customers in business,



graphics, gaming, medicine, maritime, and other fields work more comfortably, efficiently, and creatively. Headquartered in Hakusan, Japan, EIZO has R&D and manufacturing facilities in Japan, China, Germany, and the US, and representation in more than 80 countries. For more information, please visit www.eizoglobal.com.

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