

Imaging Leader NDS Demonstrates Vision in Motion at MEDICA 2015



With cutting-edge 4K image clarity, combined with wireless mobility, imaging leader NDS demonstrates Vision in Motion at MEDICA 2015

NDS Surgical Imaging will bring a new level of mobility and flexibility to endoscopic surgery visualization at the MEDICA event in Dusseldorf, Germany.

NDS will preview its new patent-pending ZeroWire® MOBILE integrated cordless display solution, to be released in 2016, which offers untethered mobility of HD imaging in a self-powered system. Utilizing a discreet embedded wireless transmitter/receiver built into one of the industry's most advanced Radiance® Ultra surgical displays, mounted on a specially designed roll-stand, the ZeroWire MOBILE solution delivers full HD video wirelessly with complete freedom of movement within the procedure room. A dual-battery power source is engineered with a wall-mounted two- or four-bay battery charging system providing hot-swap capability for extended operational requirements. ZeroWire MOBILE eliminates cables, which represent a potential tripping hazard, and helps enable greater procedure room efficiency through ease of movement and re-positioning. In addition, by allowing quick movement from room to room, ZeroWire MOBILE may help facilities reduce cleaning and turnaround time.

The NDS technology preview will also feature the addition of large format 32" displays to the Radiance Ultra family, to be released in 2016, including the Radiance Ultra 4K 32", offering superb image clarity at 4K resolution (3840x2160 pixels, Ultra-HD), with 4x 3G-SDI, Display Port, and HDMI inputs. The Radiance Ultra TruColor 32" display features Ultra-Wide-Gamut technology, broadening the color spectrum for more life-like images, and NDS's proprietary Medi-Match™ color calibration technology for smooth motion and accurate color representation of anatomy. The Radiance Ultra 32" HD and 27" HD monitors will also be showcased. The Radiance Ultra family of displays features seamless, edge-to-edge glass for easy cleaning, and boasts a 10-year scratch-resistant glass guarantee. NDS will also highlight its affordable and newly upgraded EndoVue® 21" monitor, a slim display specially designed for the value segment markets.

NDS's suite of medical-grade video processing products simplify OR integration and streamline image management: ConductOR™ is a configurable audio and video routing solution, enabling the routing of virtually any medical imaging source to the surgeon's field of view and beyond. ScaleOR™ is a video converter/scaler solution designed specifically for the endoscopy environment, easily connects equipment with incompatible signal input and output resolutions, and is ideal for upgrading clinical facilities to HD video. ExpandOR™ is the first medical-grade video IP streaming technology to allow secure bi-directional HD video/audio streaming to multiple destinations simultaneously. The ZeroWire G2 external wireless HD video transmission platform is compatible with NDS surgical displays, and utilizes an advanced point-to-point tracking system to keep the transmitter and receiver pair locked together, avoiding signal loss when units are moved and repositioned during a clinical procedure.

NDS's Vision in Motion at MEDICA 2015: Hall 10, Stand G14.

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