

NEWS

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Vertilon Expands Compatibility of PhotoniQ PMT Data Acquisition Systems with Introduction of SDS232

*Multi-Channel Distribution System Supports Connection to
Thirty-Two Individual Photomultiplier Tubes and Photodiodes*

WESTFORD, MA (April 12, 2007) – Vertilon Corporation (<http://www.vertilon.com>) announced today that it has added the SDS232 multi-channel distribution system to its PhotoniQ family of products. Fully compatible with the IQSP480, the SDS232 allows up to thirty-two individual photomultiplier tubes and photodiodes to be directly connected to a PhotoniQ charge acquisition system. Together these high performance laboratory instruments collect signals across all input channels and stream the resulting data directly to a PC over a USB 2.0 port. With a dynamic range of 96dB and single photon sensitivity, the SDS232 and IQSP480 can acquire and transfer data from thirty-two sensors at event rates exceeding 50,000 per second. When configured as an eight channel unit, the instrument pair can achieve event rates exceeding 130,000 per second. “The SDS232 is ideal for scientists and engineers who use multiple single element optical sensors in their systems,” said Vincent Palermo, President and Founder of Vertilon. “With the introduction of this product, many more of our customers will now be able to take advantage of the tremendous processing power available in our PhotoniQ line of data acquisition systems.” The SDS232 and IQSP480 are useful in applications such as bioaerosol detection and flow cytometry where multiple PMT and photodiode sensors are required to detect low-level fluorescence events. Both units are in production and available today.

About Vertilon Corporation (<http://www.vertilon.com>)

Vertilon was founded with the aim of delivering advanced products to markets utilizing multi-anode photomultiplier tubes, avalanche photodiode arrays, and other multi-element charge-based sensors. Vertilon’s core product line is the PhotoniQ, a family of high performance multi-channel data acquisition systems that interface to optical sensors and collect and process their output signals. Over the last seven years, Vertilon’s PhotoniQ products have been used by the country’s foremost universities, government laboratories, and corporate R&D groups.

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