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SonTek/YSI Launches the Water Monitoring Industry's First Multi-Frequency Acoustic Doppler Profiler: The RiverSurveyor S5 & M9

Highlights

- Continuous shallow-to-deep discharge measurements
- Designed for extreme flood or drought conditions
- SonTek EXCLUSIVE - Vertical beam for bathymetry
- Instant data to a mobile device

(San Diego, California) It is a product unlike any other currently available on the market and by every account, has raised the technological bar when it comes to making river discharge measurements.

Built to easily collect data in the most extreme flood and drought conditions, the next-generation

RiverSurveyor S5 & M9 are used to collect velocity profiles, depth, and discharge data in canals, rivers and streams. It combines three instruments into one, saving customers thousands of dollars in equipment, personnel and time. Multiple acoustic frequencies fused with precise bandwidth control make for the most robust and continuous shallow-to-deep channel measurements ever. Leading technologies such as Bluetooth, spread spectrum radio, and RTK (Real-Time Kinematic) GPS are all incorporated to elevate performance and expand utility.



With a press of a button on a mobile device, or from the convenience of a nearby laptop, the RiverSurveyor offers the fastest pinging and data processing available. Other features that make the RiverSurveyor exceptional are:

- Continuous shallow-to-deep discharge measurements (first of its kind!)
- Designed for extreme flood or drought conditions
- Exclusive vertical beam for bathymetry
- Built in software processing package – “RiverSurveyor Live”
- Instant data to a mobile device
- Automated cell size
- Bottom-tracking

“Not only are the S5 and M9 great new products for river discharge, but the Doppler engine that powers them are superior to any Doppler technology that currently exists and will serve as the basis for entirely new family of products” says Chris Ward, SonTek/YSI Director of International Business Development.

For more information on the new RiverSurveyor S5 & M9, visit sontek.com. To see the RiverSurveyor in action, visit the SonTek's YouTube channel at youtube.com/sontekyysi.

