

RiverPro ADCP and Q-View QA/QC Software Launched



US-based Teledyne RD Instruments has released two products designed for the Water Resources community: the RiverPro Acoustic Doppler Current Profiler (ADCP) and Q-View Data QA/QC software. The 1200kHz RiverPro ADCP has been designed to quickly and accurately measure the flow and discharge of moving water in shallow rivers and streams, ranging from 20cm to 25m in depth.

This discharge measurement system is the latest addition to TRDI's line of ADCPs for Water Resources professionals, suited for a wide range of applications including river hydrology, environmental impact and fisheries studies, and bridge scour monitoring.

The [RiverPro ADCP](#) utilises a 20 degree beam, allowing users to accurately measure more closely to the riverbed, while its 600kHz 5th beam collects true vertical velocity as well as range to bottom. The RiverPro also provides auto-adaptive sampling, enabling simple, automated data collection, as well as an optional manual override function for advanced users.

The [Q-View ADCP data QA/QC software](#), designed to operate with TRDI's WinRiver II application, bridges the gap between the requirement for high-quality field measurements and the time-intensive analysis that is typically required to ensure that collected data meets an organisation's unique quality criteria. Utilising customisable and flexible quality rules, Q-View can provide users with real-time feedback during ADCP data collection, or can be implemented back in the lab during data review and analysis. Once data has been analysed and confirmed, Q-View can also be used to automatically-generate professional reports in minutes.