



SurfaceWATCH / RiverHQ ADCP

SurfaceWATCH application



600kHz Horizontal ADCP

RiverHQ application

SurfaceWATCH/RiverHQ ADCP's compact size and powerful electronics provide a versatile platform capable of producing precise horizontal current profiles, and underwater depths of transducer measurements. Depth is measured with a high accuracy, high-resolution 1200 kHz vertical transducer and a pressure sensor, outputting redundant depth measurements.

As fresh water resources come under increasing regulatory pressure, management of water resources will become increasingly important. The *RiverHQ* proves to be a robust and reliable tool for single point real-time index velocity discharge measurements.

The *SurfaceWATCH* ADCP generates high resolution, high accuracy horizontal current profiles. *SurfaceWATCH* is useful for monitoring currents near the surface as well as at a single depth or in several locations, using multiple linked systems.

User-selectable signal processing functions produce excellent temporal, spatial, velocity resolution and precision. User-programmability features provide a capability that is particularly useful in measuring velocity profiles and flows.

Rowe Technologies, Inc. offer solutions for measuring currents and flow accurately and reliably.