

Tethered

Survey Boats (Surface)



Specifications	Riverboat	Riverboat ST	Riverboat SP	High Speed Riverboat
PHYSICAL				
Center Hull Length	121cm (48in)	121cm (48in)	121cm (48in)	152.5cm (60in)
Overall Width	81cm (32in)	81cm (32in)	81cm (32in)	122cm (48in)
Weight	7kg (15 lbs)	7kg (15 lbs)	7kg (15 lbs)	13.6kg (30 lbs)
Hull Material	Molded Unbreakable Polyethylene	Molded Unbreakable Polyethylene	Molded Unbreakable Polyethylene	High Impact, UV Resistant ABS
Crossbar Material	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum	Anodized Aluminum with Quick Release Clamp
Safety Lines	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Fasteners/Hardware	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Fin Configuration	Kick-up Fins	Large Kick-up Fins	Large Kick-up Fins	Large, Foldable Kick-up Fins
Mounting Plate/Clamp	Cross Bar Mount	Clamping Collar	Clamping Collar	Quick Release Mounting Plate
PERFORMANCE				
Typical Measurement Water Velocity	0.6-3m/s (2-10 fps)	0.6-3m/s (2-10 fps)	0.6-3m/s (2-10 fps)	3-5m/s (10-16 fps)
Maximum Water Velocity	4.6m/s (15 fps)	3.6m/s (12 fps)	3.6m/s (12 fps)	6.09m/s (20 fps)
INSTRUMENTATION				
Acoustic Doppler Current Profilers	Teledyne RD Instruments Rio Grande	Sontek RiverSurveyor M9/S5	Teledyne RD Instruments StreamPro	Teledyne RD Instruments RiverRay, RiverPro
	Teledyne RD Instruments Sentinel			Teledyne RD Instruments RioGrande, SteamPro
	Teledyne RD Instruments Monitor			Sontek RiverSurveyor
	Linkquest Flowquest			Teledyne RD Instruments Monitor
	Rowe RiverPROFILER			
Depth Sounder	Airmar Smart Sensors	Airmar Smart Sensors	Airmar Smart Sensors	Airmar Smart Sensors
GPS	Most Industry Standard GPS	Most Industry Standard GPS	Most Industry Standard GPS	Most Industry Standard GPS

Specifications	Cable Chimp II	Specifications	Cable Chimp II
Typical Measurement Water Velocity	2-10 fps or .6-3 m/s	Line Size	1/4" (6mm) High-grip Line
Length	9.5in or 24 cm	Line Type	Continuous filament low stretch three-strand polyester or Kevlar line
Width	14in or 35.5 cm	Transect Speeds	0.1 to 0.7 ft/s
Depth	4.5in or 11.5 cm	Maximum Climbing Angle	8 Degrees
Construction Material	Lightweight Powder Coated Aluminum	Dry Line Pulling Force	6.5 lbs (29N)
Hardware Material	Stainless Steel	Wet Line Pulling Force	4.5 lbs (20N)
Weight with Battery	4.8 lbs or 2.18 kg	Battery	Rechargeable NiMH
Shipping Weight with Case	22 lbs or 10 kg	Wall Charger	110V AC
Transmitter	Hitec Single Stick 72MHz	Battery Endurance	2-3 Hours
Transmitter Running Time	2-3 Hours Continuously	Transmitter Range	100 ft or 30m



Cable Chimp II