

PandaADCP-RIVER-600K(H-ADCP)

200m direct - reading ADCP



TECHNICAL SPECIFICATIONS

Brand	PandaADCP
Working Frequency	600kHz
Operating Mode	Direct-Reading
Batteries	No Batteries
Max Profiling Range	90m
Bottom Track Range	-
Velocity Accuracy	±0.3%±3mm/s
Velocity Resolution	1mm/s
Velocity Range	±5.0 m/s (Default); ±20.0 m/s (Maximum)
Number of Depth Cells	1 - 128
Ping Rate	1Hz(typical)
Depth Cell Size(High Precision Mode)	0.5 - 4m
Depth Cell Size(Long Range Mode)	4m
Echo Intensity Dynamic Range	100dB
Echo Intensity Precision	±1.5dB
Standard Profiling Modes	High resolution water profiling, Fast sampling
Beam Angle	20°
Beam Width	1.4°
Beam Configuration	2 beams with a convex shape of 22.5°, and 1 vertical beam
Internal Memory	64 GB Micro SD Card
Communications	RS - 232 or RS - 422
Sensor (Water Temperature)	Range: -5° - 45°C, Accuracy: ±0.1°C
Sensor (Pressure	Range: according to depth rate, Accuracy: ±0.25% Range
Sensor (Tilt)	Range: Roll ±180° Pitch ±90°, Accuracy: < 0.1° RMS, Resolution: 0.01°
Operating Temperature	-5° to 45° C
Storage Temperature (Without Batteries)	-30° to 60° C
Power Input, Power Consumption	20V - 50V, ≤10W
Casing	ABS
Weight(In air/In water)	6.5 kg/3.0 kg(200m)
Dimension	Φ300 mm×120 mm(200m)
Available Options	-