

ADCP-1200K

200m (Optional: 1000m/ 3000m)



TECHNICAL SPECIFICATIONS

Model	ADCP-1200K
Working Frequency	1200kHz
Beam Configuration	5 Beams Janus, 20°(600kHz central beam)
Working Mode	Broadband, Narrowband, Pulse Coherente
Transducer type	Piston
Water Profiling Range	0.1-40m
Bottom Track Range	0.15- 50m
Velocity Accuracy	0.25% ±0.2cm/s
Velocity Resolution	1mm/s
Velocity Range	±5.0 m/s (Default); ±20.0 m/s (Maximum)
Number of Depth Cells	1 - 260
Ping rate	Max 20Hz
Depth Cell Size(High Pricision Mode)	0.02-2m
Depth Cell Size(Long Range Mode)	2m
Internal Memory	16 GB Micro SD Card
Communications	RS-232 typical, RS-422(optional), WIFI(optional); Baud rate: 4800-115200
Sensor (Water Temperature)	Range/Accuracy/Resolution: -10℃~+60℃ / ±0.1℃ / 0.001℃
Sensor (Pressure)	Range/Accuracy/Resolution: 0-200m/0.5%FS/0.01m
Sensor (Compass)	Range/Accuracy/Resolution: 0°~360° / ±0.5° / 0.001°
Sensor (Motion)	Range/Accuracy/Resolution: ±30° / ±0.2° / 0.001°
Operating Temperature	-5℃~+45℃
Storage Temperature	-20℃~+60℃
Power Input	9~18VDC (standard 12V)
Power consumption	3.5W (average)
Material	Engineering plastic, aluminum alloy and titanium alloy three material selectable
Dimension(Exclude top connector)	Φ165 mm×235 mm
Float Configuration	Three hulls(Trimaran), USV; Material: Polyethylene(Trimaran), Carbon Fiber (USV)
Available Options	External battery case, Bottom tracking, AC/DC power converter