

ADCP-300K

200m (Optional: 1000m/ 3000m)



TECHNICAL SPECIFICATIONS

Model	ADCP-300K
Working Frequency	300kHz
Beam Configuration	4 Beams Janus, 20°
Working Mode	Broadband, Narrowband, Pulse Coherente
Transducer type	Piston
Water Profiling Range	2-160m
Bottom Track Range	1.5-200m
Velocity Accuracy	0.5% ±0.5cm/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	10Hz(Max)
Depth Cell Size(High Pricision Mode)	1-8m
Internal Memory	16 GB Micro SD Card
Communications	RS-232 typical, RS-422, 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	3.2 W (average), 0.5 W (sleep), 30 W (peak)
Material	Engineering plastic, aluminum alloy , titanium alloy
Dimension(Exclude top connector)	Φ230 mm×195 mm
Accessories	ADCP with Transducer Cables, Charger, Processing software