

PandaADCP-RM-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	$\pm 0.3\% \pm 3\text{mm/s}$
Velocity Resolution	1mm/s
Velocity Range	$\pm 5.0\text{ m/s}$ (Default); $\pm 20.0\text{ m/s}$ (Maximum)
Number of Depth Cells	1 - 255
Ping Rate	2Hz(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	$\pm 1.5\text{dB}$
Standard Profiling Modes	High resolution water profiling, Fast sampling
Beam Configuration	2 Horizontal beams , 1 vertical beam
Beam Angle	20°
Horizontal beam width	1.4°
Vertical beam width	5°
Internal Memory	64 GB Micro SD Card
Communications	RS - 232 or RS - 422
Sensor (Water Temperature)	Range: -5°C to 45°C, Accuracy: $\pm 0.1^\circ\text{C}$
Sensor (Pressure	Range: according to depth rate, Accuracy: $\pm 0.25\%$ Range
Sensor (Tilt)	Range: Roll $\pm 180^\circ$ Pitch $\pm 90^\circ$, Accuracy: $< 0.1^\circ$ RMS, Resolution: 0.01°
Operating Temperature	-5°C to 45°C
Storage Temperature (Without Batteries)	-30°C to 60°C
Power Input	20V - 50V, 5A
Casing	POM
Weight (In air/In water)	6.5 kg/3.0 kg(200m)
Dimension (Exclude top connector)	$\Phi 300\text{ mm} \times 120\text{ mm}$ (200m)
Available Options	-