





Hi-Target iBoat BS3 Item List (Without RTK)

NO.	Category	Item	PCS	Description	Picture
1	Boat-borne System	BS3 Hull	1	Kevlar & carbon fiber high-strength composite	
2		Propeller System	2	Ducted propeller design, removable	
3		Battery for the boat	1	Lithium Battery Nominal voltage: 33.6V Nominal capacity: 35Ah	
4		Hull Charger of Large Current	1	220V AC Current: 2A	
5	Ashore Base System	Intelligent Controller	1	Including charger	
6		Dongle for HydraGCS Software	1	Active the operating software	
7		IBoat USV Control Software	1	Boat control Boat status monitoring Survey lines planning Auto-piloting	
8		Dongle for Hi-Max Software	1	Active the collecting software	
9		Data Collection and Post-Processing Software	1	Hi-Max Hydrographic Software - Boat positioning setting - Bathymetric data collecting - Data post-processing - Surveying results display	
10		Ashore Base System	1	As a data transfer station Including charger	
11		Ashore Station Antenna	2	5.8GHz transmitting antenna	
12		On-Boat Transmitting Antenna(5.8GHz)	2	5.8GHz transmitting antenna	

13		On-Boat Transmitting Antenna(2.4GHz)	1	2.4GHz transmitting antenna	
14		Ethernet Cable	1	Including 1 standards :1m	
15	Professional USV Echo Sounder	Echo sounder mainframe	1	Working frequency: 200KHz Maximum transmitted power: 250W Sounding range: 0.15m~300m Sounding accuracy: ±10mm+0.1%h at 1cm resolution Sound velocity adjusting range: 1370~1700m/s, 1m/s resolution Beam angle: 5±0.5° Ping rate: 30Hz Serial port: RS232 (9600-115200) Output: NMEA DBT,NMEA DBS,DESO 25,ODOM, Hi-Target Ports: 1*Power port 1*Ethernet port 1*TX (Transducer)port	
16		High Frequency Transducer	1	Waterproof: IP66 Power supply: 12V DC Power consumption: 4W	
	Attachment	Y Data Connecting Line	1	GC-3	
		UC-1 Radio Communication Cable	1	UC-1 Radio Communication Cable	
22		Extendable Pole	1	N/A	
24	Services	Flight Cases	1	Aviation case for Controller	
26			1	Aviation case for Hull	