

KBS30200

DUAL FREQUENCY SINGLEBEAM ECHOSOUNDER
FOR HIGH PRECISION BATHYMETRY

HYDROGRAPHIC ECHOSOUNDER

www.kordil.com



Portable Hydrographic Surveying System

KBS30200 is a dual frequency single-beam echosounder using Airmar EchoRange™ Smart transducer, integrated into Kordil Bathymetry Studio software and computer system.

Applications

- Hydrographic surveys (all waters)
- Dredging
- Ports & harbor construction
- Bridge scour inspection system



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Dual Frequency Hydrographic Echosounder

High precision

www.bathymetry.com

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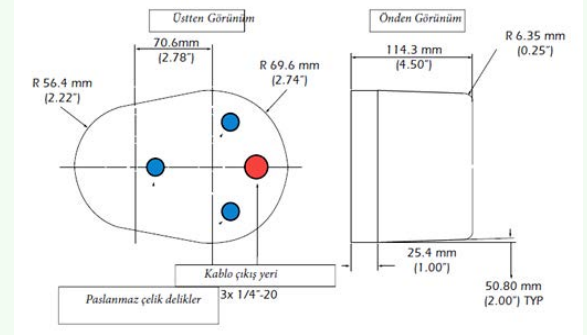
Bluetooth™ Echosounder

Dual Frequency 30/200 kHz

Suitable for installation on any kind of vessel

Technical Specifications

Communication	RS232 & Bluetooth™
Power output from transmitter	100 watt (13.6 V DC input)
Reverse polarity protection	Yes
Power supply voltage:	10-15 VDC,
Average current draw	300mA @ 12V for 30/200 kHz 150mA @ 12V for 200 kHz
Baud Rate	4800
Ping rate	0.1 - 25 sec.
Manual Mode	same with ultrasonic frequency
Operating Temperature	From -5C to +60C
Storage Temperature	From -30C to +70C
Transducer CE certification	IEC60945
Minimum Depth Range	0.5 m
Maximum Depth Range	200m
Depth Display Resolution	1 cm
Depth Measurement Accuracy	%0.25 of depth
Temperature Sensor	10k ohm ± 0.05C accuracy
Temperature Resolution	0.1C
Beam width 200 kHz	9 deg. (@3 db)
Beam angle for 30 kHz	26 deg. (@3 db)
Power and data cable	C314
NMEA 0183 data format	\$SDDPT / DBT options



Package Content

- ◇ Robust & shock resistant transport case
- ◇ Touch screen computer with 2 x RS232 native serial port with Windows 10 OS
- ◇ Kordil Bathymetry Studio software
- ◇ Computer serial cable (RS232, 9 pin)
- ◇ Power cable (12V DC)
- ◇ Transducer mounting components
- ◇ Upside unit

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