

Research needs capable tools...

CHIRP SERIES



CHIRP 3200



CHIRP 3260



CHIRP 3210



CHIRP SERIES

ISO9001

Technical Specifications:

	3200	3202	3204	3210	3212	3260
Number of Channels	1	2	4	1	2	up to 4
Frequency Range (kHz)	3.5-210	3.5-210	3.5-210	3.5-210	3.5-210	3.5-210
Max Depth *	7000m	7000m	7000m	7000m	7000m	Full Ocean Depth
Input Voltage	12-24 DC or 85 -265 AC	12-24 DC or 85 -265 AC	12-24 DC or 85 -265 AC	12-24 DC	12-24 DC	85 -265 AC
Operating Temperature	0 -50 C	0 -50 C	0 -50 C	0 -50 C	0 -50 C	0 -50 C
Maximum Power Consumption	40W	60W	100W	40W	60W	200W
Output Power (per channel)	2kW	2kW	2kW	2kW	2kW	10kW**
System Package	3URack	3URack	3U Rack	Sealed Case	Sealed Case	5U Rack
Dimensions (mm)	533x483x133	533x483x133	533x483x133	488x386x185	488x386x185	533x483x222
Weight	11kg	12kg	15kg	11kg	12kg	25kg
Interface(s)	USB 2.0 Full-Speed (12 Mbps)	USB 2.0 Full-Speed (12 Mbps)	USB 2.0 Full-Speed (12 Mbps)	USB 2.0 Full-Speed (12 Mbps)	USB 2.0 Full-Speed (12 Mbps)	USB 2.0 Full-Speed (12 Mbps)

(Technical Specifications subject to change without notice)

* Maximum Depths are transducer model and installation dependent

** Standard configuration for dual channel is 10kW / 2kW

Features:

- Frequency agility on all channels - selectable by user
- Full-spectrum chirp and correlation processing on all channels
- Pinger mode
- Multiple pings in the water column
- Heave corrected echograms
- Maximum 64ms pulse lengths - user selectable frequency sweep and windows function
- 16 Bit, 200MIPS processing
- 16 Bit, 1MSPS A/D Conversions
- 96db range of programmable analog gain
- Data recording options - ASCII, Binary, SEG-Y, XTF (sidescan)
- Multiple real time thermal printer drivers as well as playback to standard Windows printers
- Numerous auto controls for hands free operation including auto phasing and auto gain
- Built in test signal generator
- Network option allows multiple instances on networked PC's
- Compatible with several industry standard dataloggers and post-processing software (Hypack, QINSy, SonarWiz)
- Built in drivers for several industry sensor inputs (GPS, Heave, etc)
- Operating Systems - Windows 2000, XP, and Vista (minimum PC requirements 1GHz processor, 1GB RAM, and serial ports for required peripherals)



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