Kordil GNSS - H4
GNSS Heading & Position with PC and Software

kordil

Key features:

♦ Identical or better precision compared with industry standard GNSS systems
♦ Integrated with a high grade PC with Kordil Navigation Pro software
♦ Tested at harsh environment where most of the receivers fails
♦ Multi-frequency multi-consolation support by default
♦ Dual-antenna providing industry standard heading and position
♦ Windows 11 operating system by default, optional all others
♦ 128 GB HDD, and 32 GB RAM, with Intel Core i7 10300
♦ Convenient for multibeam bathymetries that requires PPS and ZDA
♦ External radio input over serial port.
♦ Internal NTRIP and TCP-IP correction to receiver

Specifications

Channels	1226
GPS	L1 C/A, L2C, L2P
GLONASS	L1 C/A, L1P, L2 C/A, L2P
BeiDou	B1, B3
BeiDou Global Signal	B1C, B2b
Galileo	E1, E5b
QZSS	L1, L2
Positioning Accuracy	20 mm + 2 ppm (RTK)
Heading Accuracy	0.1^{o} @ 2 m antenna separation
Correction Input	RTCM3x from Serial, TCP IP, NTRIP (controlled by a switch)
NMEA Output	GGA, VTG, ZDA, HDT, GSA, GST
PPS	1 Hz + ZDA
Serial Communications	6 COM Ports with 4 x RS422/485 support
	2 x Ethernet Ports
	4 x USB3.0, 2 x USB2.0
Working temperature	-40°C to $+75^{o}$C