

CHC B20 GPS + MARINE BEACON RECEIVER

HEMISPHERE H30 ATLAS LINK

GNSS SOLUTIONS

The CHC B20 is a flexible multi-purpose GPS sensor especially designed to perfectly match your positioning requirements and applications.

The B20 offers reliable sub-meter real-time positioning performances, fast data output rates (1Hz to 20Hz) and provides 1 PPS output for synchronization with other sensors or navigation software.

Flexible and easy to operate - the B20 can be easily installed on survey vessels for coastal works, offshore survey or navigation.



- » 12x L1 GPS channels DGPS
- » Integrated radio beacon differential corrections receiver
- » MSK Dual Channel Receiver
- » Frequency range : 283.5 KHz - 325 KHz
- » Channeling : 500 Hz
- » Communications
- » 1 x RS232 serial port
- » Protocols : NMEA0183 output (GGA, GLL, GPS, GSA, GSV,
- » MSS, RMC, VTG, XTE, ZDA)
- » Output rate : 1 Hz standard (optional 5 Hz, 10Hz and 20Hz)

Hemisphere GNSS' all-new AtlasLink multi-GNSS, multi-frequency smart antenna is preconfigured to receive corrections from Atlas GNSS global correction service.

- » Utilizes Hemisphere's Athena GNSS engine
- » Atlas support over L-Band corrections
- » Powerful Atlas web UI accessed via WiFi
- » Internal memory for data logging, download, and upload
- » Environment-proven enclosure for the most aggressive user scenarios



Specifications:

Receiver Type: 270 Channels, GNSS L1 & L2 RTK with carrier phase
Signals Received: GPS, GLONASS, BeiDou and GALILEO 4
Update Rate: 10 Hz standard, 20 Hz optional (with subscription)
L-band high precision: 30cm
Autonomous: 2.5 m



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Cutting edge technology
from CHC Navigation



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GNSS SOLUTIONS

X900+ Net Rover Kit



- » L1/L2/L5 GPS+GLONASS+BDS
- » UHF and GSM/GPRS/3.5G built-in communication modules
- » Multiple operation modes & configurations
- » Extended support of protocols & data formats
- » Includes carbon pole - just add your own controller

X900+ Base & Rover Kit

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CONTROLLER OPTIONS



CHC LT30



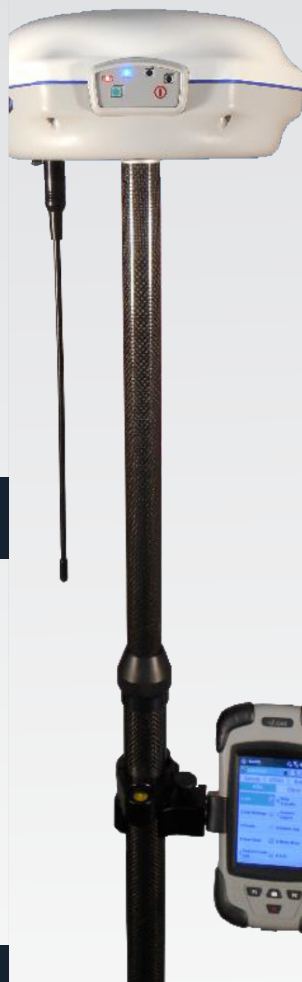
PANASONIC ToughPad FZ-M1



NAUTIZ X8 NX8-BW

CHC RTK GNSS SOLUTIONS

Network RTK GNSS Kit



- » One network RTK Receiver, with internal 1-watt Satel Transmit/Receive 400 MHz UHF radios & GSM cellular modems
- » NovAtel 628 120-Channel, 3-constellation GPS+GLO+BDS
- » Fully featured & UHF RTK ready
- » Large ground-plane geodetic antenna & 4-GB Internal Memory
- » Direct submission to AUSPOS Static with the included iGage X9x Download tool
- » Rugged, Submersible, IP67 rating with a 2-year warranty

KIT INCLUDES:

- X900+ RTK Receiver
- LT30 Controller with Carlson SurvCE Software
- Internal UHF radios
- GSM cellular Modems
- Batteries, chargers, antennas & cables
- Heavy duty field case

Product specifications, controller options & further information available. Contact us for product data sheets, obligation free quotation & training session information.

CHC LT500T GNSS RECEIVER



The LT500T is designed to provide decimetre accuracy in such applications as utility location mapping, water & sewerage infrastructure mapping, council asset mapping.

- » L1 GPS+GLONASS+BDS+GALILEO
- » 1 GHz high speed CPU, 512 MB RAM, 16 GB flash memory
- » Large high definition, sunlight readable screen
- » 3.5G cellular modem
- » Gyro, laser plummet, E compass, Gsensor
- » 1D/2D barcode scanner, RFID versions available

ORDER THE LT500T WITH YOUR CHOICE OF SOFTWARE

DigiTerra Pro

- LT500T handheld kit with DigiTerra Pro software installed
- A230G external precision GNSS antenna
- External GPS antenna to LT500T cable
- Heavy duty field case
- 2m range pole with mount & carry case



Handheld Kit

Featuring a bare LT500T unit enabling the install of your own software & facilitating seamless integration with current field processes.



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