

Hemisphere R220 GPS Receiver

Hemisphere GPS has introduced the R220 GPS Receiver. It is the first finished product to be powered by Eclipse, Hemisphere GPS's™ patented dual frequency technology. The R220 GPS Receiver provides extremely accurate, versatile, and robust positioning, in virtually any environment, anywhere in the world.

The R220 GPS Receiver is created for professional mapping, guidance, machine control, and navigation applications. According to Steven Koles, President and CEO of Hemisphere GPS, no other traditional dual-frequency RTK systems can compare to the value offered by our R220 Receivers.

The R220 GPS Receiver features RTK (Real Time Kinematic) for fast, reliable, long range centimetre level performance. It also tracks GPS, SBAS (Satellite-Based Augmentation System), and L-Band (OmniSTAR(R) HP/XP) differential corrections to provide high precision positioning. Utilising Hemisphere GPS' exclusive COAST technology, the R220 GPS Receiver can provide accurate positioning data for up to 40 minutes of differential correction outage. It supports RTCM v3/CMR+ standard RTK message formats, making the R220 receiver compatible with CORS and other RTK base station networks. It also uses a standard USB flash drive for data logging.

<https://www.hydro-international.com/content/article/hemisphere-r220-gps-receiver>
