

Topcon CR-H1

Handheld Capture Reality Solution



Unlock game-changing insights with
advanced RTK accuracy, dynamic AR tools,
and efficient point cloud workflows

Learn more at topconpositioning.com



Streamline surveying and construction with fast, accurate 3D solutions

What if your tools made every project smarter and faster?

Anyone, not just surveyors, can easily collect point clouds with the Topcon CR-H1, making advanced workflows accessible to all. Precision and efficiency are vital in construction, surveying, and engineering, and the CR-H1 delivers a comprehensive solution to meet these demands. With RTK geolocation for unmatched accuracy, real-time AR visualization to clarify designs, and an intuitive, portable design, it seamlessly integrates into workflows. The CR-H1 empowers professionals to streamline operations, tackle complex tasks, and achieve exceptional results.

The CR-H1 combines the HiPer CR GNSS-receiver and Topnet Live or any other correction service with the PIX4Dcatch iPhone app, running on an iPhone Pro or Pro Max, and PIX4Dcloud photogrammetry software. Both devices are mounted on an ergonomic handle which enables easy data capturing on-site.

The handle can also be mounted on a regular GNSS antenna pole for precise single-point measurements.

- » Portable design ensures effortless handling and convenience on-site
- » Achieve centimeter-level accuracy point clouds with RTK integration for reliable results
- » Leverage AR to visualize and verify project designs effortlessly
- » Enable seamless collaboration with cloud-based data sharing and analysis
- » Reduce project timelines with efficient, automated data capture systems

