

# ProFlex 800 GNSS for Positioning Applications



Spectra Precision has introduced the ProFlex 800, a GNSS solution with Z-Blade GNSS-centric technology. The ProFlex 800 delivers fast and reliable RTK positioning, even in environments where GNSS signals may be difficult to acquire. Rugged and IP67-rated, the ProFlex 800 is built to withstand harsh operating conditions for a variety of positioning applications.

Used as a backpack rover or reference station, the ProFlex 800 with Z-Blade technology is a flexible GNSS solution for land surveying. Its design also makes it ideal for hard-mounted survey applications such as coastal work, dredging, bathymetry or offshore

vessel operations.

The weatherproof, high-impact-resistant moulded aluminium housing allows the ProFlex 800 to operate in harsh conditions.

In addition to a 3.5G internal cellular modem, the ProFlex 800 can use a variety of internal or external UHF modules, providing stable and reliable wireless communications. It can be used as a rover or a base without additional accessories in the field. Its Z-Blade long-range RTK capability combined with industry-leading UHF options help to ensure maximum productivity while in the field.

With its built-in ethernet capability and embedded Web Server, users can access the ProFlex 800 from any computer connected to the Internet. This capability allows instant real-time multi-data streaming over an Ethernet connection to build an RTK corrections server without any additional software or equipment.

The Spectra Precision ProFlex 800 is also available as a Continuously Operating Reference Station (CORS). This configuration is suitable for collecting, storing and transferring high-quality GNSS raw data for post processing surveys, geodetic and other applications. Automatic sessions programming, a user-friendly Web-interface, an embedded RINEX converter, FTP push functionality and many other advanced CORS features make the ProFlex 800 CORS a powerful, robust and easy-to-use GNSS solution.

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