



## Arrow 200 RTK GNSS System



The Arrow200 RTK GNSS System can be used with any mobile device (Android, iOS, windows) to obtain up to 1cm accuracy (survey-grade). The system utilizes WAAS/SBAS technology to obtain sub-meter location accuracy when not paired with an RTK Correction service. When paired with an internet-based RTK correction service, the device becomes a powerful high-accuracy survey-grade collection device. The receiver Bluetooth pairs to the mobile device and data collection is then performed via the GIS mobile data collection App of the user's choice. This external GPS device provides the location information to the mobile device by overriding the mobile devices internal GPS.

### **The System Includes:**

- Arrow 200 RTK System including receiver, antenna, cables
- 2m carbon-fiber range pole

### **Uses:**

- Perform high-accuracy surveys of features
- Device works via Bluetooth pairing to a mobile device. The mobile device should have EOS Tools Pro App installed.
- The mobile device can use ESRI Collector, AutoCAD 360 Mobile, Avenza PDF Maps, or other data collection App to collect features.

### **Maintenance:**

- Device needs charged prior to use
- Mobile device not included
- In order to obtain RTK Correction, many states have free networks. The user will need to obtain log-in and password information from the state's free correction network.

### **Check out Contact information:**

This unit is available from the Mid Continent Region of OSMRE in Alton, IL. Equipment is available on a case-by-case basis depending on demand. Some training on the use of the equipment and mobile software may be required depending on the user's experience level. Contact **Chris Kiser at 618 463-6463 ext. 5120 at [ckiser@osmre.gov](mailto:ckiser@osmre.gov)** for more information.