



# REACH RX

## Datasheet



## Key features

- Tracks GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b
- Gets a fix in 5 seconds
- Centimeter precision
- Easy to set up: just add NTRIP
- Comes with the Emlid Flow app
- Pocket-sized and lightweight
- 16 hours on 1 charge
- IP68

# REACH RX

## Technical specifications

### POSITIONING

**Precision** RTK H: 7 mm+1 ppm V: 14 mm+1 ppm

**Convergence time** ~5 s typically

**Signal tracked** GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b

**Number of channels** 184

**Update rate** 5 Hz

### ELECTRICAL

**Autonomy** Up to 16 hrs

**Battery** Li-Ion 5200 mAh, 3.6 V, 18.72 Wh

**Charging** USB Type-C, 5 V, 2 A

**Certification** FCC, CE, IC

### MECHANICAL

**Dimensions** 172x51x51 mm (6.77x2.00x2.00 in)

**Mount** 5/8"-11 UNC

**Weight** 250 g (8.81 oz)

**Ingress protection** IP68 (maximum depth of 1.5 meters up to 30 minutes)

**Operating t°** -20 to +65 °C

### CONNECTIVITY

**Communication interface** Bluetooth 4.2

**Ports** USB Type-C

**Input data format** RTCM3

**Input data protocol** NTRIP

**Position output** NMEA

## EMLID SOFTWARE AND SERVICES



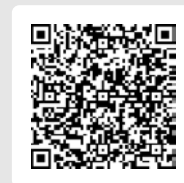
### Emlid Studio

Easy-to-use free software to simplify your post-processing workflow.



### Emlid Flow

Mobile app for land surveyors. Available for iOS and Android.



### Emlid NTRIP Caster

Stream corrections to your RTK GNSS receivers over the internet.